

# Kuipers & Associates

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*Kuipers & Associates, LLC*

Date: April 5, 2010

To: Anaconda Deer Lodge County

From: Kuipers & Associates

Subject: **Ambient Air Quality Monitoring  
Opportunity and Warm Springs Sites  
February 2010 Monthly Report**

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This February 2010 report documents the ambient air quality monitoring program conducted by Kuipers & Associates on behalf of Anaconda Deer Lodge County at the Opportunity and Warm Springs locations adjacent to the Atlantic Richfield Lower Waste Management Area (LWMA). Total Suspended Particulate (TSP) is monitored at Opportunity, and PM10 at Warm Springs. Additionally, wind speed, wind direction, temperature and relative humidity are monitored at both sites.

All data, discussion and conclusions provided in this report are preliminary and will undergo a complete quality assurance review prior to issuance of final results in quarterly and annual reports in accordance with the project Sampling and Analysis Plan. Results for the month are summarized as follows:

- Hourly average data were collected continuously by the monitors from February 1<sup>st</sup> through February 28<sup>th</sup>, with 95.1% availability for TSP at the Opportunity location and 99.9% availability for PM10 at the Warm Springs location.
  - Downtime at the Opportunity location occurred on February 21 from 17:00 MST through 18:00 MST for routine maintenance.
  - Downtime also occurred at the Opportunity location during the following period because the sampler was removed from service to repair a faulty door hinge: From February 25 at 12:00 MST through February 26 at 18:00 MST.
  - Downtime at the Warm Springs location occurred on February 21 at 16:00 MST for routine maintenance.
- The hourly average data record for the month is attached to the end of this report. Current data is available for real-time electronic download on demand, and public viewing at:  
<http://ka.airsis.com/vision/login.aspx?ReturnUrl=%2fvision%2fDefault.aspx> (Username = ADLC, Password = OCPA).
- Monthly and quarterly air monitoring reports from June 2007 through present are now available on the County's website at:  
[http://anacondadeerlodge.mt.gov/super/info.aspx#q\\_reports](http://anacondadeerlodge.mt.gov/super/info.aspx#q_reports).

- At the Opportunity location the maximum TSP reading for the period on a daily average basis was 16  $\mu\text{g}/\text{m}^3$ , and the average monthly concentration was 8  $\mu\text{g}/\text{m}^3$ . The maximum reading for the period on an hourly average basis was 53  $\mu\text{g}/\text{m}^3$ . This value was associated with light south winds, indicating that the Lower Waste Management Area (LWMA) was probably not a contributing source. The four highest daily and hourly maximum values are summarized in Table 1, and the average daily data for the month is attached together with meteorological information in Table 3.
- At the Warm Springs location the maximum PM10 reading for the period on a daily average basis was 13  $\mu\text{g}/\text{m}^3$ , and the average monthly concentration was 6  $\mu\text{g}/\text{m}^3$ . The maximum reading for the period on an hourly average basis was 53  $\mu\text{g}/\text{m}^3$ . This value occurred with very light southeast winds, and was probably associated with regional air stagnation. The four highest daily and hourly maximum values are summarized in Table 2, and the average daily data for the month is attached together with meteorological information in Table 4.

**Table 1**  
**Opportunity Site TSP Maximum Data, February 2010**

Maximum	TSP ( $\mu\text{g}/\text{m}^3$ )	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	16	2/4/2010	2.2	322
Daily 2nd Max	13	2/22/2010	3.1	132
Daily 3rd Max	13	2/9/2010	2.7	195
Daily 4th Max	13	2/23/2010	4.4	191
Hourly 1st Max	53	2/23/2010 11:00	5.8	176
Hourly 2nd Max	50	2/23/2010 12:00	6.0	177
Hourly 3rd Max	50	2/24/2010 05:00	8.1	162
Hourly 4th Max	49	2/20/2010 00:00	1.3	176

**Table 2**  
**Warm Springs Site PM10 Maximum Data, February 2010**

Maximum	PM10 ( $\mu\text{g}/\text{m}^3$ )	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	13	2/6/2010	1.8	56
Daily 2nd Max	13	2/4/2010	2.0	109
Daily 3rd Max	11	2/1/2010	1.9	226
Daily 4th Max	11	2/3/2010	1.7	20
Hourly 1st Max	53	2/4/2010 04:00	0.9	143
Hourly 2nd Max	38	2/1/2010 04:00	1.1	215
Hourly 3rd Max	37	2/1/2010 01:00	1.1	304
Hourly 4th Max	36	2/26/2010 00:00	4.0	179

- There are no Montana or Federal air quality standards for TSP; both were replaced by the current PM10 standard in 1987. Prior to 1987 the Montana annual TSP standard was 75  $\mu\text{g}/\text{m}^3$ , the 24-hour standard was 200  $\mu\text{g}/\text{m}^3$  and there was no hourly standard. TSP results for February at Opportunity were well below these historical standards. Monitoring for PM10 from May 2007 through June of 2008 showed that PM10 concentrations were consistently below regulatory levels. To facilitate comparison with previously collected PM10 data, the TSP data are being reported at Local temperature and pressure conditions.
- At the Warm Springs monitoring site daily average PM10 results for the month of February were well below the 24-hour Montana Ambient Air Quality Standard of 150  $\mu\text{g}/\text{m}^3$ . The average monthly concentration was below the annual PM10 standard of 50  $\mu\text{g}/\text{m}^3$ . There currently is no State or Federal standard for hourly PM10 data.
- Precipitation for the month was well below average based on weather records for the Butte airport. The automated rain gauge at Opportunity registered only 0.02 inches of precipitation during the month. On several occasions, accumulating snow occurred in Butte while none was observed in Opportunity or Warm Springs.
- Wind roses are attached to graphically depict prevailing winds.
  - Figure 1 shows the Opportunity location, where the predominant wind directions in February were from the southwest through south-southeast. Occasional northerly winds also occurred.
  - Figure 2 shows the Warm Springs location, where winds were mostly from the south-southwest through southeast, and from the north.
- If a dust storm event or nuisance dust in general is observed, please contact us so that we may respond, and try to quantify and document the problem. We are available seven days per week 24 hours per day and ask that you contact the following (in order) until someone is notified.

**Dust Event Contacts:**

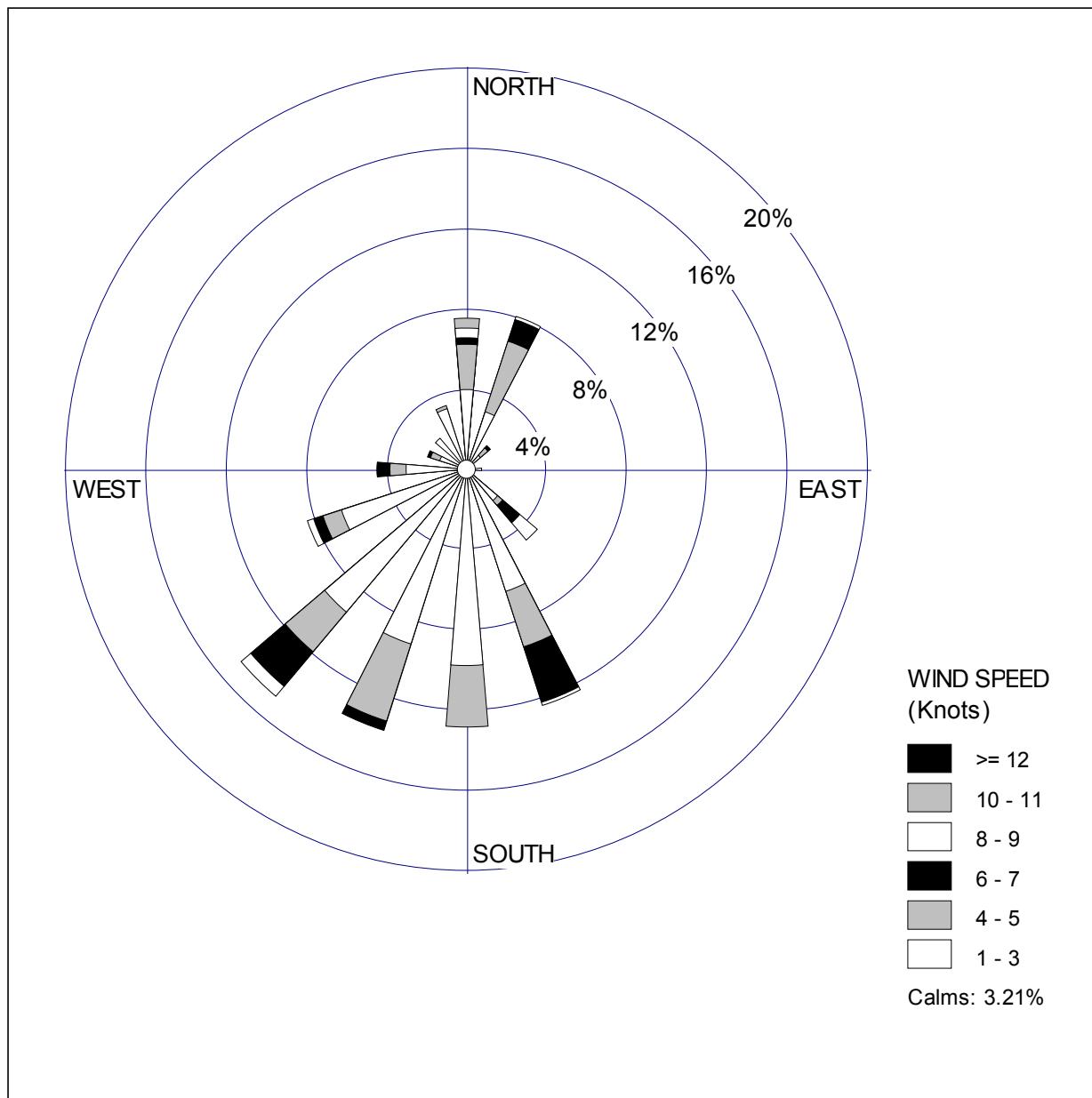
Steve Heck	498-4199
David Dobrinien	490-9205
Jim Kuipers	782-3441, then 459-0445
Sarah Zuzulock	585-9932, then 581-1355

**Table 3**  
**Opportunity Site Daily Average Data**

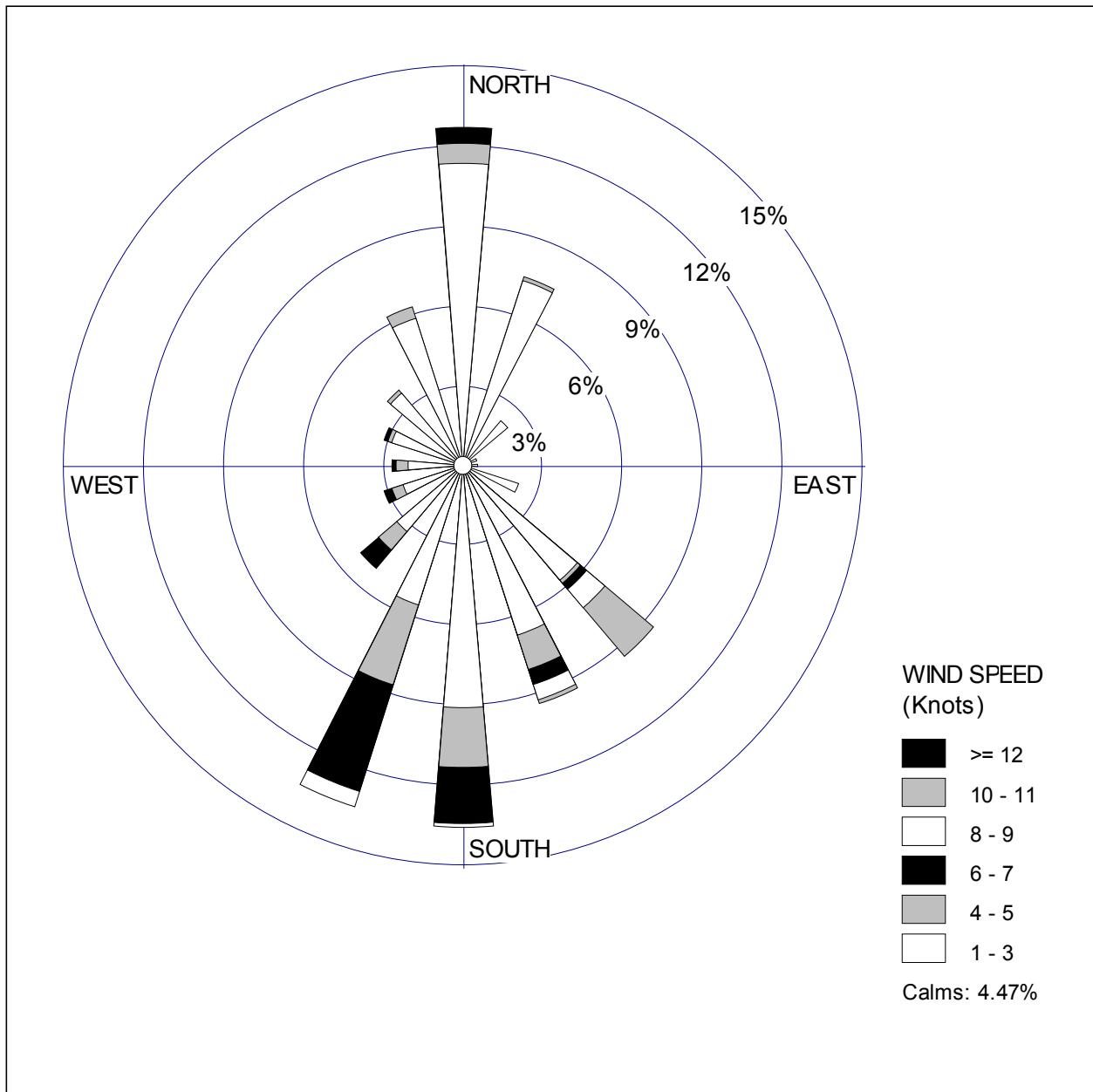
Date	TSP Daily ( $\mu\text{g}/\text{m}^3$ )	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)	Precipitation Total (inches)
February 1, 2010	8	1.6	3.5	215	-3.3	26.1	72	0.00
February 2, 2010	5	2.0	4.4	209	-2.0	28.3	65	0.00
February 3, 2010	13	1.2	2.6	244	-6.0	21.3	73	0.00
February 4, 2010	16	1.0	2.2	322	-6.8	19.8	77	0.00
February 5, 2010	6	2.3	5.2	153	-1.5	29.3	72	0.00
February 6, 2010	10	0.9	2.0	234	-2.1	28.2	77	0.00
February 7, 2010	9	1.0	2.3	349	-6.0	21.2	76	0.00
February 8, 2010	10	1.0	2.2	18	-11.5	11.3	78	0.00
February 9, 2010	13	1.2	2.7	195	-8.5	16.6	74	0.00
February 10, 2010	2	2.3	5.2	221	-2.6	27.3	58	0.00
February 11, 2010	6	2.5	5.5	198	-0.8	30.7	61	0.00
February 12, 2010	0	2.4	5.4	240	3.0	37.3	60	0.00
February 13, 2010	4	2.0	4.4	304	0.6	33.1	64	0.00
February 14, 2010	5	2.0	4.6	154	-1.8	28.7	66	0.00
February 15, 2010	7	1.0	2.2	312	-0.2	31.6	79	0.00
February 16, 2010	9	1.2	2.7	193	-1.2	29.9	77	0.00
February 17, 2010	10	1.6	3.6	342	-1.5	29.4	81	0.02
February 18, 2010	7	1.5	3.3	351	-4.9	23.2	72	0.00
February 19, 2010	6	1.7	3.8	345	-6.2	20.9	72	0.00
February 20, 2010	9	1.8	4.1	4	-9.9	14.3	69	0.00
February 21, 2010	10	1.1	2.4	174	-11.5	11.3	64	0.00
February 22, 2010	13	1.4	3.1	132	-8.6	16.5	61	0.00
February 23, 2010	13	1.9	4.4	191	-2.4	27.8	51	0.00
February 24, 2010	8	3.3	7.4	198	1.3	34.3	52	0.00
February 25, 2010	5	1.3	2.9	218	-0.9	30.3	68	0.00
February 26, 2010	7	3.0	6.8	156	1.9	35.4	53	0.00
February 27, 2010	5	2.2	4.9	146	2.7	36.9	53	0.00
February 28, 2010	8	1.2	2.7	113	0.3	32.6	70	0.00

**Table 4**  
**Warm Springs Site Daily Average Data**

Date	PM10 Daily ( $\mu\text{g}/\text{m}^3$ )	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
February 1, 2010	11	0.9	1.9	226	-5.2	22.7	80
February 2, 2010	2	2.2	4.8	195	-1.5	29.4	67
February 3, 2010	11	0.8	1.7	20	-9.1	15.6	77
February 4, 2010	13	0.9	2.0	109	-6.5	20.2	76
February 5, 2010	6	1.6	3.6	155	-1.3	29.6	72
February 6, 2010	13	0.8	1.8	56	-1.9	28.6	80
February 7, 2010	6	1.1	2.5	196	-5.2	22.7	75
February 8, 2010	8	0.8	1.8	358	-10.7	12.8	81
February 9, 2010	6	1.3	3.0	196	-7.7	18.1	70
February 10, 2010	3	2.3	5.2	202	-2.5	27.6	58
February 11, 2010	1	2.6	5.9	185	-0.5	31.1	59
February 12, 2010	1	2.2	4.9	235	3.2	37.8	61
February 13, 2010	2	1.4	3.2	300	0.9	33.7	67
February 14, 2010	2	1.6	3.6	184	-1.5	29.2	68
February 15, 2010	7	0.8	1.8	7	-0.1	31.8	79
February 16, 2010	7	0.9	1.9	334	-2.4	27.7	80
February 17, 2010	5	1.2	2.7	350	-1.2	29.9	80
February 18, 2010	5	1.0	2.3	2	-4.7	23.6	70
February 19, 2010	3	1.2	2.6	11	-6.4	20.5	71
February 20, 2010	6	1.4	3.0	356	-10.6	12.9	69
February 21, 2010	8	1.2	2.6	195	-12.4	9.8	65
February 22, 2010	8	1.0	2.2	10	-9.7	14.5	63
February 23, 2010	7	1.7	3.9	208	-4.0	24.7	57
February 24, 2010	4	3.5	7.7	166	2.4	36.4	49
February 25, 2010	2	2.0	4.6	238	1.3	34.4	59
February 26, 2010	2	3.8	8.6	152	0.2	32.4	54
February 27, 2010	3	2.3	5.1	149	3.4	38.1	53
February 28, 2010	4	0.9	2.0	115	0.6	33.0	71



**Figure 1. Wind Rose (percent of time blowing from indicated direction) for Opportunity EBAM Site February 2010.**



**Figure 2. Wind Rose (percent of time blowing from indicated direction) for Warm Springs EBAM Site February 2010.**

**Table 5**  
**Opportunity Site Hourly Average Data**  
**Met One E-BAM**  
**February 2010**

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly ( $\mu\text{g}/\text{m}^3$ )	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
2/1/2010 1:00	-2	1.3	2.9	245	-4.5	23.9	78	0.00
2/1/2010 2:00	25	2.1	4.7	247	-2.3	27.9	70	0.00
2/1/2010 3:00	4	0.9	2.0	11	-6.7	19.9	83	0.00
2/1/2010 4:00	-5	0.8	1.8	248	-7.9	17.8	86	0.00
2/1/2010 5:00	21	0.6	1.3	319	-7.5	18.5	85	0.00
2/1/2010 6:00	-2	0.9	2.0	242	-7.3	18.9	86	0.00
2/1/2010 7:00	10	1.0	2.2	237	-6.6	20.1	86	0.00
2/1/2010 8:00	10	1.1	2.5	139	-5.9	21.4	86	0.00
2/1/2010 9:00	37	1.0	2.2	171	-4.7	23.5	82	0.00
2/1/2010 10:00	13	1.2	2.7	172	-3.2	26.2	74	0.00
2/1/2010 11:00	12	1.5	3.4	166	-1.3	29.7	67	0.00
2/1/2010 12:00	9	2.1	4.7	155	0.8	33.4	61	0.00
2/1/2010 13:00	0	1.8	4.0	164	1.4	34.5	60	0.00
2/1/2010 14:00	4	2.7	6.0	227	2.1	35.8	56	0.00
2/1/2010 15:00	1	2.9	6.5	227	2.5	36.5	54	0.00
2/1/2010 16:00	0	3.5	7.8	230	2.3	36.1	52	0.00
2/1/2010 17:00	-1	3.1	6.9	233	2.0	35.6	54	0.00
2/1/2010 18:00	5	2.0	4.5	231	1.2	34.2	55	0.00
2/1/2010 19:00	-5	1.1	2.5	353	-3.0	26.6	75	0.00
2/1/2010 20:00	32	0.8	1.8	214	-5.5	22.1	82	0.00
2/1/2010 21:00	-5	0.7	1.6	217	-7.6	18.3	84	0.00
2/1/2010 22:00	12	1.5	3.4	213	-5.4	22.3	71	0.00
2/1/2010 23:00	10	1.4	3.1	198	-5.6	21.9	71	0.00
2/2/2010 0:00	4	1.7	3.8	187	-5.9	21.4	71	0.00
2/2/2010 1:00	6	2.1	4.7	180	-4.9	23.2	68	0.00
2/2/2010 2:00	5	1.5	3.4	204	-4.3	24.3	66	0.00
2/2/2010 3:00	-5	2.2	4.9	193	-2.9	26.8	61	0.00
2/2/2010 4:00	1	2.2	4.9	199	-3.0	26.6	61	0.00
2/2/2010 5:00	-1	1.8	4.0	191	-3.3	26.1	61	0.00
2/2/2010 6:00	-5	1.4	3.1	208	-3.1	26.4	61	0.00
2/2/2010 7:00	3	2.1	4.7	198	-2.4	27.7	62	0.00
2/2/2010 8:00	5	2.7	6.0	178	-2.2	28.0	63	0.00
2/2/2010 9:00	1	2.3	5.1	175	-2.0	28.4	62	0.00
2/2/2010 10:00	-4	2.2	4.9	184	-1.3	29.7	62	0.00
2/2/2010 11:00	-1	2.2	4.9	176	-0.2	31.6	55	0.00
2/2/2010 12:00	2	2.3	5.1	194	1.4	34.5	49	0.00
2/2/2010 13:00	3	4.0	8.9	228	1.1	34.0	52	0.00
2/2/2010 14:00	-1	2.9	6.5	221	1.3	34.3	52	0.00
2/2/2010 15:00	4	3.3	7.4	227	1.6	34.9	53	0.00
2/2/2010 16:00	8	2.9	6.5	231	1.7	35.1	55	0.00
2/2/2010 17:00	4	2.4	5.4	222	1.9	35.4	55	0.00
2/2/2010 18:00	5	1.9	4.3	246	1.4	34.5	58	0.00
2/2/2010 19:00	1	1.3	2.9	357	-1.4	29.5	79	0.00
2/2/2010 20:00	1	0.8	1.8	336	-2.2	28.0	85	0.00
2/2/2010 21:00	24	0.7	1.6	257	-3.4	25.9	86	0.00
2/2/2010 22:00	34	0.8	1.8	214	-5.9	21.4	87	0.00
2/2/2010 23:00	-5	0.9	2.0	241	-7.8	18.0	86	0.00
2/3/2010 0:00	32	0.7	1.6	236	-8.9	16.0	85	0.00
2/3/2010 1:00	-5	0.9	2.0	238	-9.5	14.9	84	0.00
2/3/2010 2:00	18	0.9	2.0	223	-11	12.2	83	0.00
2/3/2010 3:00	0	1.5	3.4	244	-9.8	14.4	83	0.00
2/3/2010 4:00	33	1.0	2.2	221	-7.4	18.7	81	0.00
2/3/2010 5:00	-5	1.1	2.5	196	-7.6	18.3	78	0.00
2/3/2010 6:00	-5	1.4	3.1	215	-7.6	18.3	75	0.00
2/3/2010 7:00	16	1.2	2.7	215	-7.2	19.0	74	0.00
2/3/2010 8:00	5	1.1	2.5	227	-7.5	18.5	74	0.00
2/3/2010 9:00	20	1.2	2.7	216	-7.3	18.9	73	0.00
2/3/2010 10:00	4	1.4	3.1	218	-5.1	22.8	65	0.00
2/3/2010 11:00	23	1.5	3.4	207	-2.5	27.5	59	0.00
2/3/2010 12:00	28	1.1	2.5	346	-0.7	30.7	56	0.00
2/3/2010 13:00	8	1.2	2.7	47	-1.0	30.2	60	0.00
2/3/2010 14:00	7	1.7	3.8	156	2.9	37.2	49	0.00
2/3/2010 15:00	26	2.0	4.5	27	-2.1	28.2	65	0.00
2/3/2010 16:00	14	2.4	5.4	7	-3.8	25.2	68	0.00
2/3/2010 17:00	9	1.9	4.3	4	-3.6	25.5	69	0.00
2/3/2010 18:00	2	1.0	2.2	353	-5.1	22.8	74	0.00
2/3/2010 19:00	1	0.6	1.3	279	-7.2	19.0	81	0.00
2/3/2010 20:00	18	0.5	1.1	229	-8.5	16.7	84	0.00
2/3/2010 21:00	34	0.4	0.9	231	-8.8	16.2	82	0.00
2/3/2010 22:00	7	0.8	1.8	214	-7.5	18.5	81	0.00
2/3/2010 23:00	29	0.6	1.3	232	-7.4	18.7	81	0.00
2/4/2010 0:00	17	0.5	1.1	254	-7.8	18.0	81	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
2/4/2010 2:00	-2	0.5	1.1	260	-9.9	14.2	85	0.00
2/4/2010 3:00	-5	0.8	1.8	239	-11.4	11.5	83	0.00
2/4/2010 4:00	47	0.9	2.0	182	-9.9	14.2	83	0.00
2/4/2010 5:00	16	0.9	2.0	206	-9.8	14.4	83	0.00
2/4/2010 6:00	-3	1.0	2.2	233	-10.3	13.5	83	0.00
2/4/2010 7:00	24	0.7	1.6	83	-9.1	15.6	83	0.00
2/4/2010 8:00	-5	0.7	1.6	333	-9.1	15.6	83	0.00
2/4/2010 9:00	39	0.4	0.9	245	-9.1	15.6	83	0.00
2/4/2010 10:00	23	0.5	1.1	161	-7.4	18.7	79	0.00
2/4/2010 11:00	18	1.0	2.2	177	-4.7	23.5	69	0.00
2/4/2010 12:00	25	1.3	2.9	84	-2.8	27.0	67	0.00
2/4/2010 13:00	4	2.0	4.5	21	-1.6	29.1	65	0.00
2/4/2010 14:00	14	2.2	4.9	33	-0.4	31.3	63	0.00
2/4/2010 15:00	16	2.4	5.4	12	0.0	32.0	62	0.00
2/4/2010 16:00	17	2.1	4.7	6	0.2	32.4	61	0.00
2/4/2010 17:00	18	1.0	2.2	24	-0.1	31.8	62	0.00
2/4/2010 18:00	19	0.6	1.3	149	-2.0	28.4	69	0.00
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2/5/2010 4:00	9	1.8	4.0	177	-3.7	25.3	73	0.00
2/5/2010 5:00	10	2.5	5.6	163	-3.7	25.3	71	0.00
2/5/2010 6:00	5	3.4	7.6	148	-2.8	27.0	68	0.00
2/5/2010 7:00	10	3.3	7.4	152	-2.0	28.4	69	0.00
2/5/2010 8:00	-5	3.6	8.1	148	-1.6	29.1	69	0.00
2/5/2010 9:00	5	3.6	8.1	146	-1.3	29.7	69	0.00
2/5/2010 10:00	1	3.9	8.7	144	-0.7	30.7	68	0.00
2/5/2010 11:00	12	3.7	8.3	149	0.1	32.2	66	0.00
2/5/2010 12:00	1	3.9	8.7	143	0.7	33.3	64	0.00
2/5/2010 13:00	0	3.9	8.7	140	1.5	34.7	61	0.00
2/5/2010 14:00	8	4.2	9.4	141	1.9	35.4	61	0.00
2/5/2010 15:00	-4	3.2	7.2	155	1.9	35.4	62	0.00
2/5/2010 16:00	6	2.5	5.6	156	2.0	35.6	63	0.00
2/5/2010 17:00	0	1.6	3.6	193	1.7	35.1	64	0.00
2/5/2010 18:00	10	2.0	4.5	164	1.2	34.2	67	0.00
2/5/2010 19:00	2	0.9	2.0	28	-1.2	29.8	77	0.00
2/5/2010 20:00	24	0.8	1.8	347	-2.1	28.2	79	0.00
2/5/2010 21:00	-3	0.6	1.3	349	-2.5	27.5	80	0.00
2/5/2010 22:00	20	0.7	1.6	12	-2.7	27.1	81	0.00
2/5/2010 23:00	-5	1.0	2.2	142	-2.9	26.8	85	0.00
2/6/2010 0:00	7	0.9	2.0	183	-2.6	27.3	88	0.00
2/6/2010 1:00	4	0.7	1.6	276	-4.0	24.8	88	0.00
2/6/2010 2:00	16	1.0	2.2	269	-4.1	24.6	88	0.00
2/6/2010 3:00	15	0.6	1.3	298	-4.3	24.3	89	0.00
2/6/2010 4:00	27	0.6	1.3	308	-4.4	24.1	88	0.00
2/6/2010 5:00	16	0.4	0.9	270	-4.7	23.5	88	0.00
2/6/2010 6:00	20	0.4	0.9	193	-4.9	23.2	88	0.00
2/6/2010 7:00	32	0.6	1.3	47	-5.1	22.8	88	0.00
2/6/2010 8:00	7	0.6	1.3	250	-5.7	21.7	88	0.00
2/6/2010 9:00	19	0.7	1.6	225	-5.7	21.7	87	0.00
2/6/2010 10:00	28	0.5	1.1	214	-3.8	25.2	86	0.00
2/6/2010 11:00	-5	1.0	2.2	161	-0.7	30.7	69	0.00
2/6/2010 12:00	5	1.4	3.1	155	2.0	35.6	57	0.00
2/6/2010 13:00	-1	1.6	3.6	156	3.0	37.4	53	0.00
2/6/2010 14:00	-2	1.0	2.2	210	4.1	39.4	48	0.00
2/6/2010 15:00	12	1.0	2.2	198	4.8	40.6	48	0.00
2/6/2010 16:00	1	2.3	5.1	16	2.4	36.3	67	0.00
2/6/2010 17:00	3	1.9	4.3	11	1.2	34.2	73	0.00
2/6/2010 18:00	11	1.0	2.2	324	0.4	32.7	77	0.00
2/6/2010 19:00	-5	0.6	1.3	226	-1.1	30.0	80	0.00
2/6/2010 20:00	19	0.5	1.1	220	-1.8	28.8	82	0.00
2/6/2010 21:00	-1	0.6	1.3	213	-2.6	27.3	81	0.00
2/6/2010 22:00	22	0.9	2.0	230	-3.6	25.5	82	0.00
2/6/2010 23:00	-5	0.8	1.8	240	-5.1	22.8	79	0.00
2/7/2010 0:00	-1	0.7	1.6	192	-6.4	20.5	82	0.00
2/7/2010 1:00	20	0.7	1.6	209	-4.6	23.7	82	0.00
2/7/2010 2:00	7	0.9	2.0	231	-4.3	24.3	81	0.00
2/7/2010 3:00	14	0.8	1.8	217	-3.7	25.3	78	0.00
2/7/2010 4:00	-5	0.9	2.0	239	-4.7	23.5	79	0.00
2/7/2010 5:00	17	0.9	2.0	210	-6.6	20.1	80	0.00
2/7/2010 6:00	27	0.7	1.6	214	-8	17.6	81	0.00
2/7/2010 7:00	-5	0.7	1.6	203	-9.6	14.7	82	0.00
2/7/2010 8:00	20	1.0	2.2	225	-10.1	13.8	83	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
2/7/2010 9:00	19	0.9	2.0	210	-9.9	14.2	82	0.00
2/7/2010 10:00	-3	1.4	3.1	163	-5.8	21.6	68	0.00
2/7/2010 11:00	-2	0.8	1.8	160	-2.2	28.0	55	0.00
2/7/2010 12:00	14	1.4	3.1	30	-1.6	29.1	59	0.00
2/7/2010 13:00	3	2.0	4.5	26	-2.3	27.9	66	0.00
2/7/2010 14:00	2	2.1	4.7	16	-1.8	28.8	66	0.00
2/7/2010 15:00	3	1.7	3.8	17	-1.4	29.5	65	0.00
2/7/2010 16:00	15	1.7	3.8	30	-1.1	30.0	65	0.00
2/7/2010 17:00	1	1.4	3.1	33	-1.6	29.1	67	0.00
2/7/2010 18:00	-5	1.2	2.7	5	-3.5	25.7	76	0.00
2/7/2010 19:00	8	1.2	2.7	11	-7.0	19.4	86	0.00
2/7/2010 20:00	26	0.5	1.1	359	-8.1	17.4	85	0.00
2/7/2010 21:00	9	0.5	1.1	208	-8.6	16.5	84	0.00
2/7/2010 22:00	12	0.6	1.3	205	-10.5	13.1	82	0.00
2/7/2010 23:00	6	0.4	0.9	282	-12.7	9.1	81	0.00
2/8/2010 0:00	1	0.5	1.1	247	-13.8	7.2	80	0.00
2/8/2010 1:00	2	0.4	0.9	251	-14.6	5.7	79	0.00
2/8/2010 2:00	23	0.3	0.7	262	-15.1	4.8	79	0.00
2/8/2010 3:00	1	0.3	0.7	254	-15.6	3.9	78	0.00
2/8/2010 4:00	16	0.3	0.7	298	-16.1	3.0	78	0.00
2/8/2010 5:00	13	0.5	1.1	237	-15.4	4.3	78	0.00
2/8/2010 6:00	8	0.5	1.1	236	-15.6	3.9	78	0.00
2/8/2010 7:00	16	0.4	0.9	225	-15.8	3.6	78	0.00
2/8/2010 8:00	11	0.3	0.7	157	-16.9	1.6	77	0.00
2/8/2010 9:00	24	0.3	0.7	186	-16.2	2.8	78	0.00
2/8/2010 10:00	0	0.3	0.7	113	-12.2	10.0	81	0.00
2/8/2010 11:00	22	1.1	2.5	95	-9.0	15.8	83	0.00
2/8/2010 12:00	7	3.1	6.9	141	-7.1	19.2	79	0.00
2/8/2010 13:00	-5	2.0	4.5	35	-7.4	18.7	75	0.00
2/8/2010 14:00	8	2.1	4.7	29	-6.0	21.2	72	0.00
2/8/2010 15:00	-1	2.0	4.5	23	-4.7	23.5	70	0.00
2/8/2010 16:00	20	2.6	5.8	26	-5.7	21.7	73	0.00
2/8/2010 17:00	9	2.3	5.1	15	-6.7	19.9	75	0.00
2/8/2010 18:00	-5	1.1	2.5	349	-8.5	16.7	80	0.00
2/8/2010 19:00	7	0.8	1.8	251	-10.6	12.9	84	0.00
2/8/2010 20:00	11	0.9	2.0	320	-10.7	12.7	83	0.00
2/8/2010 21:00	14	0.5	1.1	304	-10.6	12.9	82	0.00
2/8/2010 22:00	14	0.7	1.6	212	-10.5	13.1	82	0.00
2/8/2010 23:00	20	0.6	1.3	294	-11.6	11.1	81	0.00
2/9/2010 0:00	-5	0.5	1.1	300	-13.2	8.2	80	0.00
2/9/2010 1:00	11	0.8	1.8	246	-13.2	8.2	80	0.00
2/9/2010 2:00	39	0.6	1.3	251	-13.2	8.2	80	0.00
2/9/2010 3:00	2	0.6	1.3	237	-14.4	6.1	79	0.00
2/9/2010 4:00	12	0.5	1.1	193	-14.9	5.2	79	0.00
2/9/2010 5:00	30	0.6	1.3	178	-15.6	3.9	78	0.00
2/9/2010 6:00	0	0.4	0.9	181	-15.9	3.4	78	0.00
2/9/2010 7:00	-5	0.7	1.6	210	-13.8	7.2	80	0.00
2/9/2010 8:00	9	1	2.2	208	-12.6	9.3	81	0.00
2/9/2010 9:00	9	1.2	2.7	206	-12.0	10.4	81	0.00
2/9/2010 10:00	28	1.4	3.1	183	-10.4	13.3	82	0.00
2/9/2010 11:00	-5	2.5	5.6	167	-9.6	14.7	81	0.00
2/9/2010 12:00	33	2.6	5.8	163	-8.1	17.4	79	0.00
2/9/2010 13:00	7	1.7	3.8	163	-5.7	21.7	68	0.00
2/9/2010 14:00	46	0.8	1.8	353	-3.0	26.6	55	0.00
2/9/2010 15:00	33	1.6	3.6	11	-2.9	26.8	58	0.00
2/9/2010 16:00	8	2.4	5.4	10	-2.9	26.8	63	0.00
2/9/2010 17:00	4	2.4	5.4	6	-3.3	26.1	66	0.00
2/9/2010 18:00	8	1.7	3.8	345	-3.8	25.2	69	0.00
2/9/2010 19:00	5	0.6	1.3	295	-4.3	24.3	71	0.00
2/9/2010 20:00	16	0.6	1.3	182	-4.8	23.4	73	0.00
2/9/2010 21:00	-5	0.9	2.0	180	-5.3	22.5	75	0.00
2/9/2010 22:00	17	0.8	1.8	183	-5.4	22.3	75	0.00
2/9/2010 23:00	11	0.7	1.6	191	-5.6	21.9	75	0.00
2/10/2010 0:00	-1	1.4	3.1	196	-4.0	24.8	63	0.00
2/10/2010 1:00	2	2.2	4.9	220	-3.8	25.2	61	0.00
2/10/2010 2:00	19	2.2	4.9	215	-3.7	25.3	61	0.00
2/10/2010 3:00	-5	2.1	4.7	215	-3.9	25.0	62	0.00
2/10/2010 4:00	-2	2.0	4.5	218	-4.5	23.9	64	0.00
2/10/2010 5:00	3	2.4	5.4	216	-4.7	23.5	64	0.00
2/10/2010 6:00	-3	2.5	5.6	221	-4.9	23.2	64	0.00
2/10/2010 7:00	9	2.8	6.3	218	-4.8	23.4	63	0.00
2/10/2010 8:00	2	2.3	5.1	210	-4.8	23.4	64	0.00
2/10/2010 9:00	-1	1.9	4.3	199	-4.7	23.5	64	0.00
2/10/2010 10:00	-4	2.8	6.3	212	-3.7	25.3	60	0.00
2/10/2010 11:00	17	3.2	7.2	215	-2.4	27.7	56	0.00
2/10/2010 12:00	-3	2.6	5.8	211	-1.6	29.1	52	0.00
2/10/2010 13:00	6	2.8	6.3	213	-0.5	31.1	48	0.00
2/10/2010 14:00	-2	3.7	8.3	228	0.4	32.7	45	0.00
2/10/2010 15:00	-2	3.2	7.2	231	0.5	32.9	44	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
2/10/2010 16:00	0	3.1	6.9	223	0.1	32.2	47	0.00
2/10/2010 17:00	12	3.3	7.4	253	-0.5	31.1	51	0.00
2/10/2010 18:00	-5	1.7	3.8	38	-1.2	29.8	60	0.00
2/10/2010 19:00	9	1.1	2.5	273	-1.8	28.8	59	0.00
2/10/2010 20:00	4	0.9	2.0	274	-2.5	27.5	66	0.00
2/10/2010 21:00	5	1.1	2.5	235	-3.1	26.4	68	0.00
2/10/2010 22:00	-4	1.3	2.9	214	-3.0	26.6	64	0.00
2/10/2010 23:00	-1	1.9	4.3	211	-2.1	28.2	56	0.00
2/11/2010 0:00	-1	3.0	6.7	215	-2.1	28.2	55	0.00
2/11/2010 1:00	4	3.2	7.2	209	-2.2	28.0	55	0.00
2/11/2010 2:00	-2	1.9	4.3	190	-2.7	27.1	58	0.00
2/11/2010 3:00	-1	3.8	8.5	213	-2.8	27.0	57	0.00
2/11/2010 4:00	-2	1.6	3.6	184	-3.7	25.3	63	0.00
2/11/2010 5:00	11	2.6	5.8	203	-3.6	25.5	63	0.00
2/11/2010 6:00	6	2.2	4.9	193	-3.3	26.1	62	0.00
2/11/2010 7:00	5	2.1	4.7	193	-3.4	25.9	64	0.00
2/11/2010 8:00	14	2.2	4.9	155	-4.9	23.2	67	0.00
2/11/2010 9:00	9	2.1	4.7	153	-4.5	23.9	67	0.00
2/11/2010 10:00	6	2.2	4.9	155	-2.9	26.8	63	0.00
2/11/2010 11:00	7	2.5	5.6	163	-2.2	28.0	62	0.00
2/11/2010 12:00	30	2.2	4.9	171	-1.0	30.2	58	0.00
2/11/2010 13:00	30	2.4	5.4	162	0.8	33.4	55	0.00
2/11/2010 14:00	0	2.2	4.9	170	2.2	36.0	53	0.00
2/11/2010 15:00	12	2.4	5.4	196	3.2	37.8	52	0.00
2/11/2010 16:00	0	3.1	6.9	229	3.2	37.8	54	0.00
2/11/2010 17:00	0	4.1	9.2	235	3.0	37.4	55	0.00
2/11/2010 18:00	9	3.3	7.4	257	2.0	35.6	59	0.00
2/11/2010 19:00	2	0.9	2.0	83	-1.2	29.8	75	0.00
2/11/2010 20:00	-1	1.7	3.8	210	0.9	33.6	63	0.00
2/11/2010 21:00	3	2.1	4.7	212	0.9	33.6	64	0.00
2/11/2010 22:00	2	3.0	6.7	218	1.1	34.0	63	0.00
2/11/2010 23:00	-3	3.0	6.7	213	1.4	34.5	61	0.00
2/12/2010 0:00	5	2.4	5.4	193	1.7	35.1	59	0.00
2/12/2010 1:00	-4	2.7	6.0	205	1.6	34.9	59	0.00
2/12/2010 2:00	-1	3.4	7.6	216	1.9	35.4	59	0.00
2/12/2010 3:00	4	2.0	4.5	192	1.5	34.7	63	0.00
2/12/2010 4:00	-5	1.9	4.3	190	1.5	34.7	67	0.00
2/12/2010 5:00	-5	2.2	4.9	205	1.3	34.3	69	0.00
2/12/2010 6:00	15	3.6	8.1	217	1.3	34.3	68	0.00
2/12/2010 7:00	5	2.2	4.9	202	1.3	34.3	68	0.00
2/12/2010 8:00	0	1.6	3.6	199	1.5	34.7	69	0.00
2/12/2010 9:00	1	1.2	2.7	248	1.8	35.2	67	0.00
2/12/2010 10:00	-3	1.0	2.2	181	1.8	35.2	68	0.00
2/12/2010 11:00	-5	2.4	5.4	222	3.3	37.9	62	0.00
2/12/2010 12:00	1	3.7	8.3	236	3.6	38.5	63	0.00
2/12/2010 13:00	-1	2.8	6.3	254	4.7	40.5	57	0.00
2/12/2010 14:00	-2	2.5	5.6	239	6.2	43.2	45	0.00
2/12/2010 15:00	6	3.1	6.9	279	6.6	43.9	41	0.00
2/12/2010 16:00	1	3.5	7.8	285	6.8	44.2	37	0.00
2/12/2010 17:00	1	2.9	6.5	285	5.9	42.6	39	0.00
2/12/2010 18:00	4	2.2	4.9	283	4.9	40.8	46	0.00
2/12/2010 19:00	0	1.9	4.3	280	3.7	38.7	56	0.00
2/12/2010 20:00	0	2.2	4.9	265	2.8	37.0	65	0.00
2/12/2010 21:00	3	2.3	5.1	263	2.0	35.6	73	0.00
2/12/2010 22:00	-5	2.5	5.6	244	1.9	35.4	71	0.00
2/12/2010 23:00	2	2.7	6.0	237	2.0	35.6	68	0.00
2/13/2010 0:00	-5	1.0	2.2	340	1.4	34.5	70	0.00
2/13/2010 1:00	12	1.1	2.5	124	0.1	32.2	84	0.00
2/13/2010 2:00	-5	1.9	4.3	270	1.2	34.2	72	0.00
2/13/2010 3:00	2	1.7	3.8	323	0.9	33.6	72	0.00
2/13/2010 4:00	7	1.9	4.3	330	0.5	32.9	71	0.00
2/13/2010 5:00	-5	2.4	5.4	278	1.0	33.8	59	0.00
2/13/2010 6:00	0	2.6	5.8	251	0.7	33.3	58	0.00
2/13/2010 7:00	10	1.7	3.8	254	-0.4	31.3	62	0.00
2/13/2010 8:00	-5	1.8	4.0	251	-0.5	31.1	62	0.00
2/13/2010 9:00	31	0.9	2.0	133	-0.8	30.6	64	0.00
2/13/2010 10:00	-5	1.9	4.3	248	1.1	34.0	57	0.00
2/13/2010 11:00	-5	3.4	7.6	278	2.2	36.0	53	0.00
2/13/2010 12:00	-5	3.4	7.6	277	2.7	36.9	52	0.00
2/13/2010 13:00	4	3.4	7.6	281	3.5	38.3	49	0.00
2/13/2010 14:00	1	2.9	6.5	359	3.3	37.9	55	0.00
2/13/2010 15:00	-1	3.0	6.7	14	3.7	38.7	52	0.00
2/13/2010 16:00	6	3.6	8.1	26	3.6	38.5	54	0.00
2/13/2010 17:00	-1	3.1	6.9	35	3.1	37.6	56	0.00
2/13/2010 18:00	2	2.1	4.7	20	1.7	35.1	61	0.00
2/13/2010 19:00	4	1.0	2.2	340	0.1	32.2	68	0.00
2/13/2010 20:00	7	0.7	1.6	301	-0.1	31.8	70	0.00
2/13/2010 21:00	-5	0.8	1.8	229	-1.0	30.2	74	0.00
2/13/2010 22:00	16	0.4	0.9	210	-2.9	26.8	77	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
2/13/2010 23:00	14	0.8	1.8	198	-4.2	24.4	78	0.00
2/14/2010 0:00	11	1.1	2.5	180	-4.7	23.5	78	0.00
2/14/2010 1:00	9	1.0	2.2	164	-5.0	23.0	78	0.00
2/14/2010 2:00	3	0.8	1.8	170	-5.9	21.4	79	0.00
2/14/2010 3:00	-5	1.0	2.2	174	-6.4	20.5	79	0.00
2/14/2010 4:00	7	1.3	2.9	167	-6.7	19.9	79	0.00
2/14/2010 5:00	3	1.1	2.5	189	-7.0	19.4	78	0.00
2/14/2010 6:00	-5	1.3	2.9	201	-6.8	19.8	76	0.00
2/14/2010 7:00	10	1.7	3.8	189	-6.7	19.9	74	0.00
2/14/2010 8:00	4	1.8	4.0	189	-7.3	18.9	73	0.00
2/14/2010 9:00	7	2.7	6.0	174	-6.2	20.8	69	0.00
2/14/2010 10:00	8	2.6	5.8	173	-4.7	23.5	66	0.00
2/14/2010 11:00	-3	2.7	6.0	164	-2.3	27.9	63	0.00
2/14/2010 12:00	5	3.6	8.1	151	0.9	33.6	55	0.00
2/14/2010 13:00	1	3.9	8.7	141	2.4	36.3	52	0.00
2/14/2010 14:00	7	4.3	9.6	135	3.7	38.7	48	0.00
2/14/2010 15:00	0	4.3	9.6	134	4.3	39.7	46	0.00
2/14/2010 16:00	12	3.6	8.1	139	3.7	38.7	48	0.00
2/14/2010 17:00	-5	2.5	5.6	137	3.1	37.6	50	0.00
2/14/2010 18:00	0	1.8	4.0	131	2.5	36.5	54	0.00
2/14/2010 19:00	1	2.3	5.1	140	1.8	35.2	56	0.00
2/14/2010 20:00	8	1.1	2.5	178	1.0	33.8	62	0.00
2/14/2010 21:00	-1	1.1	2.5	153	0.4	32.7	65	0.00
2/14/2010 22:00	15	1.3	2.9	25	-0.7	30.7	74	0.00
2/14/2010 23:00	0	0.7	1.6	260	-1.2	29.8	75	0.00
2/15/2010 0:00	39	0.5	1.1	147	-1.1	30.0	76	0.00
2/15/2010 1:00	4	0.6	1.3	235	-1.6	29.1	78	0.00
2/15/2010 2:00	15	0.8	1.8	235	-1.0	30.2	77	0.00
2/15/2010 3:00	7	0.7	1.6	215	-0.9	30.4	79	0.00
2/15/2010 4:00	-1	0.8	1.8	176	-1.3	29.7	81	0.00
2/15/2010 5:00	10	1.0	2.2	180	-1.1	30.0	85	0.00
2/15/2010 6:00	11	1.4	3.1	160	-1.1	30.0	85	0.00
2/15/2010 7:00	7	1.3	2.9	28	-2.2	28.0	87	0.00
2/15/2010 8:00	26	1.1	2.5	9	-2.3	27.9	88	0.00
2/15/2010 9:00	11	0.6	1.3	294	-1.9	28.6	86	0.00
2/15/2010 10:00	12	0.4	0.9	11	-0.7	30.7	81	0.00
2/15/2010 11:00	9	0.6	1.3	28	0.5	32.9	76	0.00
2/15/2010 12:00	9	0.7	1.6	330	1.2	34.2	73	0.00
2/15/2010 13:00	-1	1.1	2.5	352	2.6	36.7	69	0.00
2/15/2010 14:00	3	1.4	3.1	358	2.7	36.9	71	0.00
2/15/2010 15:00	3	1.6	3.6	19	3.6	38.5	69	0.00
2/15/2010 16:00	3	1.6	3.6	342	3.9	39.0	67	0.00
2/15/2010 17:00	6	1.8	4.0	358	3.8	38.8	68	0.00
2/15/2010 18:00	-2	0.8	1.8	328	2.6	36.7	73	0.00
2/15/2010 19:00	6	0.4	0.9	257	1.2	34.2	79	0.00
2/15/2010 20:00	15	0.7	1.6	186	-0.9	30.4	84	0.00
2/15/2010 21:00	0	0.9	2.0	200	-2.6	27.3	86	0.00
2/15/2010 22:00	15	0.9	2.0	229	-3.2	26.2	85	0.00
2/15/2010 23:00	3	0.9	2.0	221	-3.5	25.7	84	0.00
2/16/2010 0:00	7	1.1	2.5	230	-2.8	27.0	81	0.00
2/16/2010 1:00	-2	1.1	2.5	232	-2.6	27.3	77	0.00
2/16/2010 2:00	-5	1.3	2.9	232	-3.4	25.9	78	0.00
2/16/2010 3:00	15	1.0	2.2	206	-4.1	24.6	84	0.00
2/16/2010 4:00	3	1.3	2.9	191	-2.7	27.1	82	0.00
2/16/2010 5:00	5	1.2	2.7	200	-2.7	27.1	80	0.00
2/16/2010 6:00	-5	1.4	3.1	197	-3.2	26.2	80	0.00
2/16/2010 7:00	6	1.3	2.9	200	-3.9	25.0	80	0.00
2/16/2010 8:00	3	1.6	3.6	197	-3.7	25.3	78	0.00
2/16/2010 9:00	17	1.0	2.2	192	-2.8	27.0	74	0.00
2/16/2010 10:00	13	1.1	2.5	185	-1.2	29.8	71	0.00
2/16/2010 11:00	7	1.4	3.1	184	0.6	33.1	67	0.00
2/16/2010 12:00	3	1.4	3.1	168	2.1	35.8	63	0.00
2/16/2010 13:00	13	2.0	4.5	76	1.7	35.1	68	0.00
2/16/2010 14:00	-2	2.8	6.3	18	0.0	32.0	76	0.00
2/16/2010 15:00	18	1.7	3.8	23	0.9	33.6	72	0.00
2/16/2010 16:00	1	1.1	2.5	17	1.4	34.5	70	0.00
2/16/2010 17:00	13	1.5	3.4	20	1.0	33.8	72	0.00
2/16/2010 18:00	6	0.9	2.0	356	0.6	33.1	75	0.00
2/16/2010 19:00	2	0.9	2.0	274	0.2	32.4	78	0.00
2/16/2010 20:00	23	0.5	1.1	157	-0.3	31.5	81	0.00
2/16/2010 21:00	10	0.6	1.3	152	-0.6	30.9	82	0.00
2/16/2010 22:00	33	0.6	1.3	148	-1.2	29.8	85	0.00
2/16/2010 23:00	16	0.7	1.6	251	-2.1	28.2	87	0.00
2/17/2010 0:00	11	0.9	2.0	251	-2.6	27.3	86	0.00
2/17/2010 1:00	8	1.1	2.5	170	-3.0	26.6	86	0.00
2/17/2010 2:00	22	0.9	2.0	173	-2.9	26.8	86	0.00
2/17/2010 3:00	9	1.1	2.5	168	-2.1	28.2	84	0.00
2/17/2010 4:00	-5	1.8	4.0	238	-0.5	31.1	79	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
2/17/2010 5:00	33	1.1	2.5	278	-1.8	28.8	84	0.00
2/17/2010 6:00	10	0.9	2.0	210	-1.5	29.3	83	0.00
2/17/2010 7:00	12	0.5	1.1	168	-1.7	28.9	85	0.00
2/17/2010 8:00	-5	0.7	1.6	253	-1.7	28.9	86	0.00
2/17/2010 9:00	15	0.6	1.3	153	-1.1	30.0	84	0.00
2/17/2010 10:00	13	0.8	1.8	340	0.2	32.4	77	0.00
2/17/2010 11:00	-5	2.2	4.9	6	0.6	33.1	78	0.00
2/17/2010 12:00	-5	2.5	5.6	2	1.7	35.1	71	0.00
2/17/2010 13:00	7	1.7	3.8	331	3.1	37.6	60	0.00
2/17/2010 14:00	11	3.9	8.7	19	2.4	36.3	67	0.00
2/17/2010 15:00	7	3.8	8.5	17	1.8	35.2	71	0.00
2/17/2010 16:00	27	1.9	4.3	354	-0.9	30.4	88	0.02
2/17/2010 17:00	26	1.8	4.0	237	-0.6	30.9	86	0.00
2/17/2010 18:00	2	AO	AO	AO	-1.8	28.8	85	0.00
2/17/2010 19:00	5	AO	AO	AO	-4.2	24.4	87	0.00
2/17/2010 20:00	5	AO	AO	AO	-5.6	21.9	87	0.00
2/17/2010 21:00	8	AO	AO	AO	-5.2	22.6	85	0.00
2/17/2010 22:00	16	AO	AO	AO	-4.6	23.7	86	0.00
2/17/2010 23:00	17	AO	AO	AO	-2.8	27.0	82	0.00
2/18/2010 0:00	2	AO	AO	AO	-3.1	26.4	79	0.00
2/18/2010 1:00	13	AO	AO	AO	-3.4	25.9	74	0.00
2/18/2010 2:00	5	AO	AO	AO	-3.6	25.5	73	0.00
2/18/2010 3:00	-5	AO	AO	AO	-5.0	23.0	76	0.00
2/18/2010 4:00	3	AO	AO	AO	-7.6	18.3	80	0.00
2/18/2010 5:00	-5	AO	AO	AO	-9.4	15.1	84	0.00
2/18/2010 6:00	6	AO	AO	AO	-10.3	13.5	84	0.00
2/18/2010 7:00	15	AO	AO	AO	-11.1	12.0	83	0.00
2/18/2010 8:00	12	AO	AO	AO	-11.1	12.0	83	0.00
2/18/2010 9:00	14	AO	AO	AO	-9.2	15.4	76	0.00
2/18/2010 10:00	8	AO	AO	AO	-5.7	21.7	66	0.00
2/18/2010 11:00	4	AO	AO	AO	-3.1	26.4	58	0.00
2/18/2010 12:00	12	1.2	2.7	328	-2.2	28.0	56	0.00
2/18/2010 13:00	-1	1.6	3.6	336	-2.5	27.5	63	0.00
2/18/2010 14:00	2	2.3	5.1	19	-2.0	28.4	63	0.00
2/18/2010 15:00	6	2.3	5.1	9	-2.1	28.2	63	0.00
2/18/2010 16:00	21	1.2	2.7	336	-2.0	28.4	62	0.00
2/18/2010 17:00	-4	1	2.2	309	-2	28.4	62	0.00
2/18/2010 18:00	3	0.9	2.0	260	-2.6	27.3	66	0.00
2/18/2010 19:00	6	0.5	1.1	307	-2.9	26.8	69	0.00
2/18/2010 20:00	6	1.4	3.1	348	-3.0	26.6	71	0.00
2/18/2010 21:00	-2	2.2	4.9	356	-3.2	26.2	73	0.00
2/18/2010 22:00	10	2.3	5.1	11	-3.7	25.3	76	0.00
2/18/2010 23:00	9	1.2	2.7	3	-4.4	24.1	82	0.00
2/19/2010 0:00	19	0.9	2.0	7	-4.9	23.2	82	0.00
2/19/2010 1:00	-5	0.5	1.1	278	-5.3	22.5	84	0.00
2/19/2010 2:00	-5	0.6	1.3	269	-6.5	20.3	85	0.00
2/19/2010 3:00	23	1.3	2.9	257	-7.0	19.4	81	0.00
2/19/2010 4:00	-5	1.1	2.5	260	-8.0	17.6	77	0.00
2/19/2010 5:00	5	1.6	3.6	253	-8.3	17.1	75	0.00
2/19/2010 6:00	22	1.5	3.4	236	-7.6	18.3	72	0.00
2/19/2010 7:00	-5	0.7	1.6	268	-7.9	17.8	76	0.00
2/19/2010 8:00	13	1.1	2.5	273	-7.6	18.3	77	0.00
2/19/2010 9:00	12	0.6	1.3	284	-7.5	18.5	76	0.00
2/19/2010 10:00	-5	1.1	2.5	13	-6.2	20.8	74	0.00
2/19/2010 11:00	4	1.1	2.5	7	-5.5	22.1	73	0.00
2/19/2010 12:00	-1	0.8	1.8	347	-3.9	25.0	66	0.00
2/19/2010 13:00	4	1.3	2.9	26	-3.0	26.6	63	0.00
2/19/2010 14:00	7	2.7	6.0	31	-2.6	27.3	62	0.00
2/19/2010 15:00	-5	3.8	8.5	28	-2.8	27.0	62	0.00
2/19/2010 16:00	7	4.5	10.1	7	-3.2	26.2	60	0.00
2/19/2010 17:00	1	4.3	9.6	355	-3.8	25.2	64	0.00
2/19/2010 18:00	3	3.5	7.8	351	-4.3	24.3	64	0.00
2/19/2010 19:00	1	3.5	7.8	5	-5.1	22.8	63	0.00
2/19/2010 20:00	-5	1.7	3.8	342	-6.2	20.8	67	0.00
2/19/2010 21:00	13	1.0	2.2	313	-7.5	18.5	73	0.00
2/19/2010 22:00	6	0.8	1.8	316	-7.9	17.8	74	0.00
2/19/2010 23:00	4	0.7	1.6	239	-9.0	15.8	78	0.00
2/20/2010 0:00	49	0.6	1.3	176	-10.9	12.4	80	0.00
2/20/2010 1:00	11	0.5	1.1	224	-12.0	10.4	83	0.00
2/20/2010 2:00	3	0.6	1.3	245	-12.3	9.9	80	0.00
2/20/2010 3:00	25	0.6	1.3	213	-13.0	8.6	80	0.00
2/20/2010 4:00	10	0.7	1.6	181	-13.2	8.2	79	0.00
2/20/2010 5:00	14	0.8	1.8	158	-12.7	9.1	77	0.00
2/20/2010 6:00	1	0.8	1.8	157	-12.1	10.2	77	0.00
2/20/2010 7:00	15	1.2	2.7	143	-11.7	10.9	76	0.00
2/20/2010 8:00	10	0.8	1.8	166	-11.7	10.9	74	0.00
2/20/2010 9:00	15	0.5	1.1	158	-10.3	13.5	69	0.00
2/20/2010 10:00	8	0.8	1.8	26	-8.9	16.0	67	0.00
2/20/2010 11:00	12	1.4	3.1	1	-8.0	17.6	68	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
2/20/2010 12:00	5	1.8	4.0	12	-7.8	18.0	70	0.00
2/20/2010 13:00	7	2.7	6.0	20	-6.4	20.5	67	0.00
2/20/2010 14:00	5	4.1	9.2	12	-5.4	22.3	61	0.00
2/20/2010 15:00	-1	5.2	11.6	5	-5.0	23.0	54	0.00
2/20/2010 16:00	6	5.8	13.0	7	-5.2	22.6	52	0.00
2/20/2010 17:00	2	5.2	11.6	7	-5.7	21.7	51	0.00
2/20/2010 18:00	6	4.0	8.9	7	-6.4	20.5	53	0.00
2/20/2010 19:00	12	2.3	5.1	342	-8.1	17.4	62	0.00
2/20/2010 20:00	7	1.1	2.5	322	-9.4	15.1	66	0.00
2/20/2010 21:00	4	0.7	1.6	290	-10.6	12.9	68	0.00
2/20/2010 22:00	-5	0.7	1.6	308	-11.9	10.6	70	0.00
2/20/2010 23:00	27	0.6	1.3	222	-14.0	6.8	75	0.00
2/21/2010 0:00	17	0.7	1.6	217	-14.8	5.4	79	0.00
2/21/2010 1:00	27	0.6	1.3	226	-15.1	4.8	76	0.00
2/21/2010 2:00	15	0.6	1.3	197	-15.7	3.7	76	0.00
2/21/2010 3:00	27	0.6	1.3	206	-16.1	3.0	77	0.00
2/21/2010 4:00	4	0.5	1.1	206	-17.3	0.9	77	0.00
2/21/2010 5:00	-1	0.7	1.6	177	-17.9	-0.2	76	0.00
2/21/2010 6:00	25	0.6	1.3	209	-17.9	-0.2	76	0.00
2/21/2010 7:00	7	0.4	0.9	209	-18.7	-1.7	77	0.00
2/21/2010 8:00	20	0.7	1.6	227	-18.6	-1.5	76	0.00
2/21/2010 9:00	22	0.8	1.8	152	-15.6	3.9	70	0.00
2/21/2010 10:00	5	1.3	2.9	150	-12.1	10.2	62	0.00
2/21/2010 11:00	2	1.7	3.8	169	-9.5	14.9	56	0.00
2/21/2010 12:00	6	1.7	3.8	189	-7.3	18.9	51	0.00
2/21/2010 13:00	6	1.1	2.5	170	-5.4	22.3	46	0.00
2/21/2010 14:00	3	1.1	2.5	87	-4.2	24.4	43	0.00
2/21/2010 15:00	10	2.2	4.9	16	-4.2	24.4	47	0.00
2/21/2010 16:00	6	2.3	5.1	18	-4.4	24.1	47	0.00
2/21/2010 17:00	BA	2.3	5.1	5	-4.6	23.7	45	0.00
2/21/2010 18:00	BA	BA	BA	BA	-5.4	22.3	47	0.00
2/21/2010 19:00	8	0.6	1.3	262	-8.0	17.6	60	0.00
2/21/2010 20:00	7	0.6	1.3	243	-10.1	13.8	69	0.00
2/21/2010 21:00	6	0.6	1.3	200	-11.4	11.5	73	0.00
2/21/2010 22:00	14	0.7	1.6	200	-11.8	10.8	73	0.00
2/21/2010 23:00	-5	1.3	2.9	173	-12.8	9.0	73	0.00
2/22/2010 0:00	9	2.1	4.7	169	-12.4	9.7	69	0.00
2/22/2010 1:00	15	1.6	3.6	181	-12.8	9.0	68	0.00
2/22/2010 2:00	7	1.7	3.8	162	-13.6	7.5	71	0.00
2/22/2010 3:00	18	1.5	3.4	151	-14.0	6.8	70	0.00
2/22/2010 4:00	7	0.8	1.8	132	-15.6	3.9	74	0.00
2/22/2010 5:00	-5	0.9	2.0	201	-15.6	3.9	72	0.00
2/22/2010 6:00	24	0.9	2.0	177	-15.7	3.7	72	0.00
2/22/2010 7:00	18	0.7	1.6	175	-16.2	2.8	74	0.00
2/22/2010 8:00	4	0.9	2.0	180	-15.9	3.4	74	0.00
2/22/2010 9:00	10	1.2	2.7	167	-13.9	7.0	68	0.00
2/22/2010 10:00	16	1.8	4.0	137	-10.6	12.9	60	0.00
2/22/2010 11:00	26	1.9	4.3	127	-7.0	19.4	51	0.00
2/22/2010 12:00	8	1.8	4.0	36	-5.7	21.7	50	0.00
2/22/2010 13:00	6	1.5	3.4	37	-3.7	25.3	44	0.00
2/22/2010 14:00	12	1.4	3.1	38	-1.7	28.9	40	0.00
2/22/2010 15:00	6	2.5	5.6	27	-0.6	30.9	40	0.00
2/22/2010 16:00	8	2.4	5.4	19	-0.4	31.3	41	0.00
2/22/2010 17:00	9	2.0	4.5	11	-0.2	31.6	41	0.00
2/22/2010 18:00	12	1.1	2.5	343	-1.0	30.2	44	0.00
2/22/2010 19:00	14	0.8	1.8	246	-4.0	24.8	56	0.00
2/22/2010 20:00	20	0.7	1.6	207	-7.0	19.4	71	0.00
2/22/2010 21:00	28	0.6	1.3	241	-8.7	16.3	76	0.00
2/22/2010 22:00	22	1.1	2.5	194	-8.8	16.2	75	0.00
2/22/2010 23:00	22	1.8	4.0	174	-7.4	18.7	67	0.00
2/23/2010 0:00	7	1.7	3.8	199	-6.9	19.6	64	0.00
2/23/2010 1:00	15	1.4	3.1	213	-7.8	18.0	66	0.00
2/23/2010 2:00	3	1.5	3.4	177	-9.3	15.3	70	0.00
2/23/2010 3:00	14	1.4	3.1	163	-10.2	13.6	71	0.00
2/23/2010 4:00	4	1.6	3.6	170	-10.4	13.3	72	0.00
2/23/2010 5:00	9	1.7	3.8	170	-10.6	12.9	72	0.00
2/23/2010 6:00	-1	1.5	3.4	176	-10.8	12.6	71	0.00
2/23/2010 7:00	19	1.6	3.6	168	-11.3	11.7	72	0.00
2/23/2010 8:00	14	1.8	4.0	169	-11.7	10.9	72	0.00
2/23/2010 9:00	7	2.1	4.7	172	-8.2	17.2	62	0.00
2/23/2010 10:00	22	2.0	4.5	191	-4.3	24.3	52	0.00
2/23/2010 11:00	53	2.6	5.8	176	-1.0	30.2	44	0.00
2/23/2010 12:00	50	2.7	6.0	177	2.9	37.2	35	0.00
2/23/2010 13:00	3	2.9	6.5	212	5.2	41.4	27	0.00
2/23/2010 14:00	1	2.9	6.5	217	6.4	43.5	25	0.00
2/23/2010 15:00	10	2.6	5.8	205	7.6	45.7	21	0.00
2/23/2010 16:00	5	2.3	5.1	195	8.3	46.9	19	0.00
2/23/2010 17:00	6	2.0	4.5	185	7.9	46.2	21	0.00
2/23/2010 18:00	10	1.7	3.8	190	5.5	41.9	29	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
2/23/2010 19:00	12	1.2	2.7	225	1.5	34.7	44	0.00
2/23/2010 20:00	9	1.0	2.2	233	-1.6	29.1	59	0.00
2/23/2010 21:00	12	1.3	2.9	201	-0.4	31.3	53	0.00
2/23/2010 22:00	10	2	4.5	196	-1.1	30.0	55	0.00
2/23/2010 23:00	15	2.6	5.8	183	-1.1	30.0	53	0.00
2/24/2010 0:00	7	2.3	5.1	212	-1.9	28.6	54	0.00
2/24/2010 1:00	6	3.6	8.1	159	-1.1	30.0	49	0.00
2/24/2010 2:00	7	4.2	9.4	157	-1.2	29.8	47	0.00
2/24/2010 3:00	7	3.7	8.3	163	-1.0	30.2	45	0.00
2/24/2010 4:00	15	4.1	9.2	146	-0.5	31.1	42	0.00
2/24/2010 5:00	50	3.6	8.1	162	-0.5	31.1	42	0.00
2/24/2010 6:00	8	3.3	7.4	158	-0.4	31.3	41	0.00
2/24/2010 7:00	20	3.6	8.1	152	-0.9	30.4	44	0.00
2/24/2010 8:00	-5	3.7	8.3	156	-0.5	31.1	43	0.00
2/24/2010 9:00	36	3.8	8.5	158	-0.3	31.5	43	0.00
2/24/2010 10:00	12	3.7	8.3	165	0.8	33.4	39	0.00
2/24/2010 11:00	9	2.8	6.3	199	2.4	36.3	36	0.00
2/24/2010 12:00	7	2.8	6.3	206	2.9	37.2	40	0.00
2/24/2010 13:00	6	3.4	7.6	221	4.0	39.2	41	0.00
2/24/2010 14:00	3	4.4	9.8	234	4.2	39.6	46	0.00
2/24/2010 15:00	25	4.4	9.8	237	4.4	39.9	49	0.00
2/24/2010 16:00	-5	4.8	10.7	238	4.0	39.2	56	0.00
2/24/2010 17:00	5	4.0	8.9	235	3.6	38.5	61	0.00
2/24/2010 18:00	-5	3.4	7.6	244	3.5	38.3	61	0.00
2/24/2010 19:00	2	2.7	6.0	261	2.6	36.7	64	0.00
2/24/2010 20:00	3	1.3	2.9	288	2.3	36.1	62	0.00
2/24/2010 21:00	1	2.3	5.1	264	1.7	35.1	67	0.00
2/24/2010 22:00	-5	2.2	4.9	297	1.6	34.9	67	0.00
2/24/2010 23:00	-1	2.3	5.1	5	0.6	33.1	75	0.00
2/25/2010 0:00	-2	1.0	2.2	254	-1.6	29.1	85	0.00
2/25/2010 1:00	7	1.0	2.2	237	-2.7	27.1	87	0.00
2/25/2010 2:00	25	1.0	2.2	165	-2.8	27.0	83	0.00
2/25/2010 3:00	-2	1.0	2.2	227	-3.1	26.4	79	0.00
2/25/2010 4:00	7	1.8	4.0	244	-1.2	29.8	71	0.00
2/25/2010 5:00	7	1.4	3.1	203	-0.9	30.4	70	0.00
2/25/2010 6:00	3	1.3	2.9	243	-0.4	31.3	63	0.00
2/25/2010 7:00	0	0.9	2.0	233	-1.1	30.0	63	0.00
2/25/2010 8:00	16	0.8	1.8	148	-1.7	28.9	66	0.00
2/25/2010 9:00	-3	0.9	2.0	196	-0.4	31.3	63	0.00
2/25/2010 10:00	1	1.6	3.6	212	1.5	34.7	54	0.00
2/25/2010 11:00	-3	2.6	5.8	228	2.7	36.9	49	0.00
2/25/2010 12:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/25/2010 13:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/25/2010 14:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/25/2010 15:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/25/2010 16:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/25/2010 17:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/25/2010 18:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/25/2010 19:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/25/2010 20:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/25/2010 21:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/25/2010 22:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/25/2010 23:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 0:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 1:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 2:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 3:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 4:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 5:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 6:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 7:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 8:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 9:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 10:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 11:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 12:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 13:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 14:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 15:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 16:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 17:00	BA	BA	BA	BA	BA	BA	BA	0.00
2/26/2010 18:00	BA	3.8	8.5	152	3.8	38.8	43	0.00
2/26/2010 19:00	8	3.7	8.3	147	2.3	36.1	51	0.00
2/26/2010 20:00	5	2.6	5.8	172	1.4	34.5	55	0.00
2/26/2010 21:00	8	2.2	4.9	175	1.2	34.2	57	0.00
2/26/2010 22:00	4	2.2	4.9	159	1.6	34.9	54	0.00
2/26/2010 23:00	7	3.8	8.5	151	1.6	34.9	55	0.00
2/27/2010 0:00	7	2.9	6.5	149	1.4	34.5	56	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
2/27/2010 1:00	-2	4	8.9	139	1.8	35.2	55	0.00
2/27/2010 2:00	8	4.8	10.7	140	1.7	35.1	55	0.00
2/27/2010 3:00	3	4.3	9.6	142	2.0	35.6	53	0.00
2/27/2010 4:00	6	3.2	7.2	159	2.0	35.6	52	0.00
2/27/2010 5:00	5	2.8	6.3	167	1.8	35.2	52	0.00
2/27/2010 6:00	1	1.7	3.8	196	1.3	34.3	54	0.00
2/27/2010 7:00	2	2.2	4.9	180	1.5	34.7	53	0.00
2/27/2010 8:00	4	1.6	3.6	184	1.2	34.2	53	0.00
2/27/2010 9:00	4	2.6	5.8	159	2.0	35.6	50	0.00
2/27/2010 10:00	9	2.8	6.3	159	3.4	38.1	45	0.00
2/27/2010 11:00	-5	2.9	6.5	152	5.1	41.2	38	0.00
2/27/2010 12:00	2	1.7	3.8	204	6.4	43.5	34	0.00
2/27/2010 13:00	-1	1.2	2.7	30	7.7	45.9	30	0.00
2/27/2010 14:00	8	1.0	2.2	137	8.6	47.5	28	0.00
2/27/2010 15:00	3	3.5	7.8	21	7.3	45.1	40	0.00
2/27/2010 16:00	10	3.5	7.8	28	6.8	44.2	43	0.00
2/27/2010 17:00	1	2.9	6.5	18	5.9	42.6	46	0.00
2/27/2010 18:00	9	1.7	3.8	350	5.0	41.0	52	0.00
2/27/2010 19:00	5	0.8	1.8	318	2.7	36.9	62	0.00
2/27/2010 20:00	8	1.0	2.2	241	0.9	33.6	68	0.00
2/27/2010 21:00	15	0.5	1.1	230	-1.2	29.8	76	0.00
2/27/2010 22:00	3	0.7	1.6	191	-2.3	27.9	79	0.00
2/27/2010 23:00	21	0.7	1.6	218	-2.9	26.8	80	0.00
2/28/2010 0:00	10	0.8	1.8	189	-3.7	25.3	82	0.00
2/28/2010 1:00	24	0.8	1.8	180	-2.9	26.8	80	0.00
2/28/2010 2:00	27	1.1	2.5	175	-3.5	25.7	81	0.00
2/28/2010 3:00	-5	1.0	2.2	171	-3.7	25.3	80	0.00
2/28/2010 4:00	23	1.1	2.5	174	-3.0	26.6	79	0.00
2/28/2010 5:00	-5	0.7	1.6	162	-2.5	27.5	78	0.00
2/28/2010 6:00	14	1.1	2.5	155	-2.1	28.2	77	0.00
2/28/2010 7:00	11	0.4	0.9	176	-1.9	28.6	77	0.00
2/28/2010 8:00	4	1.0	2.2	143	-1.7	28.9	78	0.00
2/28/2010 9:00	25	0.8	1.8	162	-1.0	30.2	76	0.00
2/28/2010 10:00	3	0.7	1.6	126	-0.1	31.8	74	0.00
2/28/2010 11:00	8	0.5	1.1	164	1.4	34.5	67	0.00
2/28/2010 12:00	13	0.6	1.3	232	2.4	36.3	66	0.00
2/28/2010 13:00	-1	1.3	2.9	4	3.8	38.8	64	0.00
2/28/2010 14:00	2	2.0	4.5	33	5.4	41.7	60	0.00
2/28/2010 15:00	7	2.3	5.1	2	6.7	44.1	54	0.00
2/28/2010 16:00	1	2.0	4.5	43	7.3	45.1	49	0.00
2/28/2010 17:00	4	2.8	6.3	41	7.1	44.8	48	0.00
2/28/2010 18:00	3	2.2	4.9	33	5.4	41.7	51	0.00
2/28/2010 19:00	6	1.0	2.2	266	2.2	36.0	62	0.00
2/28/2010 20:00	2	1.2	2.7	233	-0.3	31.5	71	0.00
2/28/2010 21:00	-5	0.7	1.6	138	-2.7	27.1	79	0.00
2/28/2010 22:00	28	0.9	2.0	186	-2.1	28.2	77	0.00
2/28/2010 23:00	-5	1.2	2.7	174	-3.1	26.4	78	0.00
3/1/2010 0:00	-3	1.2	2.7	172	-3.2	26.2	78	0.00

AO = Bad Weather

BA = Routine maintenance / repairs

**Table 6**  
**Warm Springs Site Hourly Average Data**  
**Met One E-BAM**  
**February 2010**

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
2/1/2010 1:00	37	0.5	1.1	304	-8.1	17.4	86
2/1/2010 2:00	28	0.5	1.1	296	-8.7	16.3	88
2/1/2010 3:00	14	0.6	1.3	223	-8.9	16.0	87
2/1/2010 4:00	38	0.5	1.1	215	-9.1	15.6	85
2/1/2010 5:00	3	0.5	1.1	137	-9.2	15.4	85
2/1/2010 6:00	7	0.4	0.9	156	-8.4	16.9	85
2/1/2010 7:00	9	0.4	0.9	194	-8.5	16.7	85
2/1/2010 8:00	13	0.4	0.9	328	-7.9	17.8	85
2/1/2010 9:00	10	0.3	0.7	198	-6.9	19.6	86
2/1/2010 10:00	16	0.7	1.6	135	-5.1	22.8	87
2/1/2010 11:00	-5	0.8	1.8	133	-3.0	26.6	86
2/1/2010 12:00	12	1.3	2.9	283	0.0	32.0	70
2/1/2010 13:00	2	1.3	2.9	7	1.6	34.9	65
2/1/2010 14:00	4	2.8	6.3	196	3.5	38.3	56
2/1/2010 15:00	9	1.8	4.0	274	2.7	36.9	61
2/1/2010 16:00	8	1.1	2.5	11	0.2	32.4	71
2/1/2010 17:00	22	1.0	2.2	6	-0.1	31.8	73
2/1/2010 18:00	6	0.8	1.8	347	-1.6	29.1	79
2/1/2010 19:00	15	0.6	1.3	267	-4.7	23.5	85
2/1/2010 20:00	-5	0.4	0.9	189	-7.1	19.2	86
2/1/2010 21:00	24	0.8	1.8	138	-8.9	16.0	83
2/1/2010 22:00	-4	0.4	0.9	53	-9.9	14.2	82
2/1/2010 23:00	2	0.9	2.0	158	-8.2	17.2	76
2/2/2010 0:00	3	1.6	3.6	196	-7.4	18.7	77
2/2/2010 1:00	-3	2.2	4.9	211	-5.1	22.8	72
2/2/2010 2:00	4	2.1	4.7	208	-3.5	25.7	67
2/2/2010 3:00	2	1.9	4.3	203	-2.7	27.1	64
2/2/2010 4:00	-4	1.6	3.6	188	-2.0	28.4	60
2/2/2010 5:00	-1	1.3	2.9	193	-3.2	26.2	62
2/2/2010 6:00	-5	1.5	3.4	191	-3.1	26.4	62
2/2/2010 7:00	-2	3.6	8.1	192	-1.9	28.6	61
2/2/2010 8:00	5	2.9	6.5	188	-1.6	29.1	63
2/2/2010 9:00	-4	3.1	6.9	187	-0.8	30.6	61
2/2/2010 10:00	-5	3.3	7.4	173	-0.5	31.1	60
2/2/2010 11:00	6	3.4	7.6	181	1.1	34.0	54
2/2/2010 12:00	5	3.6	8.1	186	2.6	36.7	49
2/2/2010 13:00	-4	3.8	8.5	192	2.6	36.7	52
2/2/2010 14:00	-5	3.6	8.1	198	3.8	38.8	49
2/2/2010 15:00	10	3.4	7.6	198	3.1	37.6	52
2/2/2010 16:00	-5	3.2	7.2	206	2.6	36.7	55
2/2/2010 17:00	0	1.8	4.0	328	1.0	33.8	67
2/2/2010 18:00	11	1.1	2.5	0	-0.9	30.4	79
2/2/2010 19:00	1	0.9	2.0	354	-1.4	29.5	84
2/2/2010 20:00	4	0.6	1.3	305	-2.1	28.2	86
2/2/2010 21:00	14	0.4	0.9	183	-2.8	27.0	87
2/2/2010 22:00	2	0.7	1.6	214	-4.6	23.7	88
2/2/2010 23:00	5	1.1	2.5	174	-6.4	20.5	87
2/3/2010 0:00	14	0.9	2.0	144	-9.0	15.8	85
2/3/2010 1:00	-5	0.7	1.6	247	-11.1	12.0	83
2/3/2010 2:00	9	0.7	1.6	172	-11	12.2	83
2/3/2010 3:00	27	0.7	1.6	116	-11.1	12.0	82
2/3/2010 4:00	-5	0.5	1.1	278	-13.1	8.4	82
2/3/2010 5:00	21	0.5	1.1	125	-13.6	7.5	82
2/3/2010 6:00	3	0.6	1.3	49	-13.3	8.1	82
2/3/2010 7:00	0	0.4	0.9	45	-14.4	6.1	81
2/3/2010 8:00	10	0.5	1.1	345	-15.3	4.5	80
2/3/2010 9:00	-5	0.3	0.7	103	-15.0	5.0	80
2/3/2010 10:00	27	0.6	1.3	37	-11.3	11.7	78
2/3/2010 11:00	11	0.9	2.0	20	-8.2	17.2	76
2/3/2010 12:00	10	1.2	2.7	18	-6.5	20.3	73
2/3/2010 13:00	9	1.1	2.5	26	-4.5	23.9	68
2/3/2010 14:00	8	1.4	3.1	14	-3.1	26.4	65
2/3/2010 15:00	17	1.6	3.6	5	-3.6	25.5	66
2/3/2010 16:00	14	1.6	3.6	1	-3.3	26.1	68
2/3/2010 17:00	4	1.3	2.9	359	-3.5	25.7	68
2/3/2010 18:00	-4	0.8	1.8	357	-5.5	22.1	76
2/3/2010 19:00	9	0.7	1.6	277	-8.8	16.2	66
2/3/2010 20:00	31	0.6	1.3	216	-9.3	15.3	85

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
2/3/2010 21:00	14	0.7	1.6	146	-9.0	15.8	84
2/3/2010 22:00	15	0.4	0.9	153	-8.5	16.7	83
2/3/2010 23:00	15	0.4	0.9	110	-8.3	17.1	84
2/4/2010 0:00	23	0.4	0.9	44	-8.0	17.6	84
2/4/2010 1:00	20	0.4	0.9	280	-8.1	17.4	84
2/4/2010 2:00	16	0.4	0.9	323	-10.0	14.0	86
2/4/2010 3:00	-5	0.5	1.1	248	-12.7	9.1	83
2/4/2010 4:00	53	0.4	0.9	143	-10.9	12.4	84
2/4/2010 5:00	-5	0.8	1.8	149	-10.1	13.8	83
2/4/2010 6:00	19	0.8	1.8	139	-10.0	14.0	83
2/4/2010 7:00	-5	0.7	1.6	14	-10.0	14.0	83
2/4/2010 8:00	27	0.7	1.6	332	-10.3	13.5	83
2/4/2010 9:00	3	0.6	1.3	194	-9.7	14.5	83
2/4/2010 10:00	27	1.0	2.2	191	-7.1	19.2	81
2/4/2010 11:00	6	1.0	2.2	207	-3.6	25.5	68
2/4/2010 12:00	14	1.0	2.2	24	-0.9	30.4	61
2/4/2010 13:00	13	1.5	3.4	14	-0.3	31.5	61
2/4/2010 14:00	19	1.4	3.1	30	0.6	33.1	58
2/4/2010 15:00	9	1.6	3.6	1	0.7	33.3	59
2/4/2010 16:00	21	1.5	3.4	2	0.4	32.7	62
2/4/2010 17:00	12	1.0	2.2	14	0.3	32.5	62
2/4/2010 18:00	35	0.4	0.9	166	-0.7	30.7	65
2/4/2010 19:00	-5	0.8	1.8	212	-6.5	20.3	81
2/4/2010 20:00	17	1.0	2.2	150	-8.3	17.1	83
2/4/2010 21:00	2	1.2	2.7	158	-9.6	14.7	84
2/4/2010 22:00	22	1.1	2.5	150	-9.6	14.7	83
2/4/2010 23:00	-4	0.9	2.0	154	-10.6	12.9	84
2/5/2010 0:00	-2	1.2	2.7	171	-9.8	14.4	83
2/5/2010 1:00	15	0.7	1.6	137	-8.0	17.6	83
2/5/2010 2:00	9	0.8	1.8	130	-6.0	21.2	81
2/5/2010 3:00	-4	1.4	3.1	214	-4.4	24.1	77
2/5/2010 4:00	3	1.1	2.5	232	-3.7	25.3	75
2/5/2010 5:00	12	0.8	1.8	1	-5.2	22.6	78
2/5/2010 6:00	-3	1.0	2.2	19	-7.5	18.5	82
2/5/2010 7:00	14	2.1	4.7	183	-1.2	29.8	68
2/5/2010 8:00	5	1.5	3.4	233	-1.9	28.6	70
2/5/2010 9:00	4	2.7	6.0	136	0.0	32.0	65
2/5/2010 10:00	-1	2.9	6.5	147	0.8	33.4	63
2/5/2010 11:00	6	3.2	7.2	145	1.6	34.9	61
2/5/2010 12:00	3	3.4	7.6	153	2.3	36.1	59
2/5/2010 13:00	2	3.4	7.6	152	2.8	37.0	58
2/5/2010 14:00	1	3.0	6.7	149	3.9	39.0	55
2/5/2010 15:00	-2	2.7	6.0	147	3.7	38.7	57
2/5/2010 16:00	6	1.9	4.3	154	3.9	39.0	58
2/5/2010 17:00	3	0.9	2.0	161	3.4	38.1	60
2/5/2010 18:00	-5	1.1	2.5	11	0.0	32.0	74
2/5/2010 19:00	12	1.1	2.5	336	-1.4	29.5	79
2/5/2010 20:00	13	0.7	1.6	358	-2.4	27.7	81
2/5/2010 21:00	15	0.5	1.1	327	-3.0	26.6	83
2/5/2010 22:00	7	0.6	1.3	348	-3.1	26.4	84
2/5/2010 23:00	14	0.7	1.6	177	-3.2	26.2	84
2/6/2010 0:00	12	0.7	1.6	310	-3.4	25.9	86
2/6/2010 1:00	14	0.7	1.6	129	-4.0	24.8	87
2/6/2010 2:00	35	0.5	1.1	334	-3.9	25.0	87
2/6/2010 3:00	2	0.6	1.3	333	-4.8	23.4	88
2/6/2010 4:00	19	0.7	1.6	300	-5.5	22.1	87
2/6/2010 5:00	28	0.6	1.3	160	-5.4	22.3	89
2/6/2010 6:00	26	0.6	1.3	154	-5.1	22.8	87
2/6/2010 7:00	19	0.5	1.1	159	-5.1	22.8	AN
2/6/2010 8:00	13	0.5	1.1	193	-5.3	22.5	AN
2/6/2010 9:00	16	0.4	0.9	311	-4.9	23.2	85
2/6/2010 10:00	22	0.5	1.1	114	-3.3	26.1	87
2/6/2010 11:00	8	1.2	2.7	177	-1.9	28.6	81
2/6/2010 12:00	0	1.1	2.5	174	2.6	36.7	63
2/6/2010 13:00	12	1.4	3.1	74	5.2	41.4	53
2/6/2010 14:00	1	1.4	3.1	359	3.8	38.8	63
2/6/2010 15:00	-1	1.5	3.4	357	3.4	38.1	66
2/6/2010 16:00	9	1.4	3.1	4	2.6	36.7	71
2/6/2010 17:00	3	1.2	2.7	354	1.8	35.2	73
2/6/2010 18:00	5	0.9	2.0	343	0.7	33.3	77
2/6/2010 19:00	13	0.4	0.9	187	-1.2	29.8	84
2/6/2010 20:00	31	0.5	1.1	340	-1.6	29.1	86
2/6/2010 21:00	7	0.6	1.3	142	-2.1	28.2	87

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
2/6/2010 22:00	10	0.5	1.1	253	-3.0	26.6	86
2/6/2010 23:00	23	0.7	1.6	162	-4.0	24.8	88
2/7/2010 0:00	2	1.2	2.7	169	-4.5	23.9	82
2/7/2010 1:00	-5	1.2	2.7	168	-3.8	25.2	80
2/7/2010 2:00	11	1.0	2.2	174	-3.5	25.7	82
2/7/2010 3:00	13	1.0	2.2	188	-3.2	26.2	79
2/7/2010 4:00	2	1.2	2.7	178	-4.0	24.8	75
2/7/2010 5:00	-3	1.4	3.1	173	-5.3	22.5	76
2/7/2010 6:00	-5	1.6	3.6	194	-6.7	19.9	76
2/7/2010 7:00	1	1.2	2.7	178	-8.2	17.2	78
2/7/2010 8:00	18	1.0	2.2	187	-9.1	15.6	80
2/7/2010 9:00	-5	1.3	2.9	171	-8.1	17.4	78
2/7/2010 10:00	-5	1.5	3.4	185	-4.5	23.9	63
2/7/2010 11:00	9	1.1	2.5	28	-2.6	27.3	60
2/7/2010 12:00	7	1.4	3.1	9	-2.9	26.8	64
2/7/2010 13:00	1	1.6	3.6	357	-2.2	28.0	64
2/7/2010 14:00	7	1.7	3.8	358	-1.7	28.9	65
2/7/2010 15:00	7	1.7	3.8	355	-1.2	29.8	65
2/7/2010 16:00	4	1.3	2.9	7	-0.7	30.7	63
2/7/2010 17:00	16	1.2	2.7	11	-1.0	30.2	65
2/7/2010 18:00	-5	1.3	2.9	347	-4.8	23.4	81
2/7/2010 19:00	20	0.9	2.0	350	-6.7	19.9	88
2/7/2010 20:00	5	0.6	1.3	313	-7.3	18.9	86
2/7/2010 21:00	4	0.6	1.3	225	-8.2	17.2	86
2/7/2010 22:00	9	0.5	1.1	177	-8.7	16.3	85
2/7/2010 23:00	16	0.4	0.9	199	-9.3	15.3	84
2/8/2010 0:00	18	0.5	1.1	172	-10.1	13.8	83
2/8/2010 1:00	11	0.6	1.3	143	-10.7	12.7	83
2/8/2010 2:00	6	0.4	0.9	125	-11.3	11.7	82
2/8/2010 3:00	2	0.5	1.1	143	-12.4	9.7	81
2/8/2010 4:00	15	0.8	1.8	340	-12.8	9.0	81
2/8/2010 5:00	3	0.8	1.8	308	-13.9	7.0	80
2/8/2010 6:00	-1	0.5	1.1	292	-14.2	6.4	79
2/8/2010 7:00	13	0.4	0.9	287	-14.2	6.4	79
2/8/2010 8:00	12	0.5	1.1	163	-14.3	6.3	79
2/8/2010 9:00	15	0.5	1.1	139	-15.0	5.0	79
2/8/2010 10:00	4	0.4	0.9	161	-13.2	8.2	80
2/8/2010 11:00	8	0.4	0.9	34	-9.6	14.7	80
2/8/2010 12:00	2	0.7	1.6	28	-8.6	16.5	83
2/8/2010 13:00	14	1.0	2.2	23	-7.4	18.7	83
2/8/2010 14:00	5	1.2	2.7	20	-6.4	20.5	81
2/8/2010 15:00	3	1.7	3.8	358	-6.1	21.0	79
2/8/2010 16:00	15	1.7	3.8	5	-6.5	20.3	76
2/8/2010 17:00	8	1.7	3.8	350	-7.0	19.4	74
2/8/2010 18:00	5	1.0	2.2	338	-9.0	15.8	79
2/8/2010 19:00	-5	0.7	1.6	345	-10.9	12.4	78
2/8/2010 20:00	23	1.1	2.5	337	-10.7	12.7	83
2/8/2010 21:00	5	0.5	1.1	196	-10.3	13.5	84
2/8/2010 22:00	9	1.0	2.2	207	-10.3	13.5	84
2/8/2010 23:00	21	0.7	1.6	188	-10.7	12.7	84
2/9/2010 0:00	7	0.5	1.1	108	-10.8	12.6	83
2/9/2010 1:00	13	0.9	2.0	110	-10.9	12.4	84
2/9/2010 2:00	2	0.7	1.6	115	-11.1	12.0	83
2/9/2010 3:00	12	0.9	2.0	183	-11.5	11.3	82
2/9/2010 4:00	7	1.3	2.9	157	-13.1	8.4	AN
2/9/2010 5:00	18	1.1	2.5	172	-15.6	3.9	AN
2/9/2010 6:00	2	1.4	3.1	199	-15.5	4.1	AN
2/9/2010 7:00	12	1.3	2.9	202	-14.9	5.2	AN
2/9/2010 8:00	1	1.2	2.7	201	-13.6	7.5	AN
2/9/2010 9:00	0	1.6	3.6	204	-12.2	10.0	AN
2/9/2010 10:00	22	2.2	4.9	197	-9.4	15.1	80
2/9/2010 11:00	1	2.4	5.4	202	-8.0	17.6	78
2/9/2010 12:00	-4	2.3	5.1	199	-5.4	22.3	61
2/9/2010 13:00	7	1.6	3.6	214	-3.3	26.1	52
2/9/2010 14:00	-4	0.9	2.0	216	-3.2	26.2	56
2/9/2010 15:00	8	1.1	2.5	9	-2.0	28.4	57
2/9/2010 16:00	5	1.5	3.4	350	-2.5	27.5	61
2/9/2010 17:00	10	1.4	3.1	352	-3.0	26.6	60
2/9/2010 18:00	7	1.4	3.1	332	-3.8	25.2	65
2/9/2010 19:00	4	0.7	1.6	320	-4.3	24.3	73
2/9/2010 20:00	-3	0.5	1.1	167	-4.7	23.5	74
2/9/2010 21:00	10	0.7	1.6	161	-4.8	23.4	77
2/9/2010 22:00	7	1.3	2.9	193	-4.8	23.4	76

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
2/9/2010 23:00	10	1.2	2.7	170	-4.3	24.3	72
2/10/2010 0:00	2	2.1	4.7	184	-3.7	25.3	65
2/10/2010 1:00	0	2.7	6.0	205	-3.5	25.7	62
2/10/2010 2:00	7	1.4	3.1	290	-4.7	23.5	69
2/10/2010 3:00	16	0.9	2.0	264	-5.7	21.7	77
2/10/2010 4:00	-5	1.6	3.6	197	-5.3	22.5	70
2/10/2010 5:00	10	2.6	5.8	195	-4.7	23.5	66
2/10/2010 6:00	5	2.9	6.5	203	-4.5	23.9	64
2/10/2010 7:00	-2	2.8	6.3	201	-4.5	23.9	63
2/10/2010 8:00	-1	3.2	7.2	200	-4.6	23.7	63
2/10/2010 9:00	5	3.3	7.4	197	-4.2	24.4	63
2/10/2010 10:00	1	3.6	8.1	199	-3.0	26.6	60
2/10/2010 11:00	2	3.8	8.5	203	-1.6	29.1	55
2/10/2010 12:00	-5	3.8	8.5	200	-0.4	31.3	51
2/10/2010 13:00	7	3.5	7.8	202	0.5	32.9	47
2/10/2010 14:00	0	3.1	6.9	209	1.0	33.8	44
2/10/2010 15:00	3	3.7	8.3	205	2.2	36.0	40
2/10/2010 16:00	-1	3.7	8.3	210	1.6	34.9	43
2/10/2010 17:00	7	1.6	3.6	30	0.3	32.5	55
2/10/2010 18:00	7	0.8	1.8	64	-0.6	30.9	58
2/10/2010 19:00	-1	0.7	1.6	329	-1.9	28.6	AN
2/10/2010 20:00	6	0.9	2.0	317	-3.0	26.6	AN
2/10/2010 21:00	-2	0.7	1.6	173	-3.5	25.7	AN
2/10/2010 22:00	7	1.1	2.5	188	-3.8	25.2	AN
2/10/2010 23:00	-5	1.4	3.1	148	-3.1	26.4	AN
2/11/2010 0:00	3	2.2	4.9	174	-2.0	28.4	57
2/11/2010 1:00	-1	2.2	4.9	170	-1.9	28.6	56
2/11/2010 2:00	-3	3.1	6.9	193	-2.2	28.0	57
2/11/2010 3:00	4	2.8	6.3	191	-2.6	27.3	58
2/11/2010 4:00	0	2.8	6.3	184	-3.0	26.6	61
2/11/2010 5:00	0	2.8	6.3	188	-3.4	25.9	63
2/11/2010 6:00	1	3.1	6.9	189	-3.3	26.1	63
2/11/2010 7:00	3	2.8	6.3	176	-3.3	26.1	58
2/11/2010 8:00	2	2.7	6.0	170	-3.4	25.9	50
2/11/2010 9:00	-5	3.3	7.4	180	-2.6	27.3	62
2/11/2010 10:00	2	3	6.7	174	-1.7	28.9	60
2/11/2010 11:00	1	3.3	7.4	176	-0.5	31.1	58
2/11/2010 12:00	-2	3.2	7.2	183	0.6	33.1	55
2/11/2010 13:00	2	3.6	8.1	187	1.7	35.1	55
2/11/2010 14:00	8	3.7	8.3	197	3.6	38.5	50
2/11/2010 15:00	-5	3.3	7.4	192	4.2	39.6	51
2/11/2010 16:00	5	3.3	7.4	218	4.5	40.1	53
2/11/2010 17:00	5	1.4	3.1	14	1.5	34.7	65
2/11/2010 18:00	11	0.9	2.0	8	-0.1	31.8	71
2/11/2010 19:00	2	0.7	1.6	251	-1.8	28.8	AN
2/11/2010 20:00	-1	0.7	1.6	246	-2.9	26.8	AN
2/11/2010 21:00	7	2.0	4.5	152	-0.8	30.6	AN
2/11/2010 22:00	-3	2.6	5.8	160	1.4	34.5	64
2/11/2010 23:00	0	2.4	5.4	190	1.6	34.9	62
2/12/2010 0:00	-4	3.1	6.9	192	2.7	36.9	58
2/12/2010 1:00	2	3.0	6.7	179	2.5	36.5	58
2/12/2010 2:00	1	3.5	7.8	196	2.9	37.2	58
2/12/2010 3:00	1	3.1	6.9	169	2.1	35.8	61
2/12/2010 4:00	-4	3.6	8.1	191	2.3	36.1	64
2/12/2010 5:00	-2	3.6	8.1	194	2.1	35.8	67
2/12/2010 6:00	3	2.7	6.0	208	1.6	34.9	68
2/12/2010 7:00	4	1.2	2.7	232	-1.5	29.3	53
2/12/2010 8:00	-5	1.1	2.5	293	-0.4	31.3	74
2/12/2010 9:00	9	0.8	1.8	321	-0.4	31.3	74
2/12/2010 10:00	2	0.8	1.8	256	1.2	34.2	71
2/12/2010 11:00	0	1.6	3.6	182	4.5	40.1	61
2/12/2010 12:00	6	3.3	7.4	223	5.7	42.3	60
2/12/2010 13:00	-3	3.2	7.2	219	7.3	45.1	50
2/12/2010 14:00	2	3.3	7.4	294	8.4	47.1	42
2/12/2010 15:00	-2	2.3	5.1	335	7.2	45.0	48
2/12/2010 16:00	8	2.4	5.4	322	7.7	45.9	43
2/12/2010 17:00	-5	3.0	6.7	274	7.0	44.6	40
2/12/2010 18:00	-4	1.3	2.9	269	5.3	41.5	46
2/12/2010 19:00	-3	1.6	3.6	319	2.3	36.1	67
2/12/2010 20:00	0	2.1	4.7	292	3.1	37.6	65
2/12/2010 21:00	7	1.6	3.6	266	2.4	36.3	70
2/12/2010 22:00	-1	0.8	1.8	106	0.8	33.4	79
2/12/2010 23:00	-5	1.9	4.3	225	2.0	35.6	70

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
2/13/2010 0:00	11	1.1	2.5	338	0.9	33.6	82
2/13/2010 1:00	-5	0.8	1.8	257	-0.5	31.1	88
2/13/2010 2:00	8	1.9	4.3	230	0.1	32.2	84
2/13/2010 3:00	0	1.4	3.1	288	0.8	33.4	70
2/13/2010 4:00	2	1.0	2.2	22	0.7	33.3	72
2/13/2010 5:00	-1	0.9	2.0	244	0.4	32.7	68
2/13/2010 6:00	-5	2.1	4.7	268	0.7	33.3	63
2/13/2010 7:00	2	2.9	6.5	248	0.5	32.9	62
2/13/2010 8:00	1	2.9	6.5	252	0.3	32.5	63
2/13/2010 9:00	-4	2.4	5.4	262	1.1	34.0	61
2/13/2010 10:00	9	1.8	4.0	329	0.9	33.6	72
2/13/2010 11:00	4	0.8	1.8	54	1.5	34.7	71
2/13/2010 12:00	4	0.9	2.0	32	2.9	37.2	63
2/13/2010 13:00	-4	1.1	2.5	13	3.8	38.8	54
2/13/2010 14:00	-2	1.4	3.1	6	3.9	39.0	54
2/13/2010 15:00	10	1.5	3.4	20	4.9	40.8	49
2/13/2010 16:00	-1	1.9	4.3	33	5.2	41.4	51
2/13/2010 17:00	-1	1.8	4.0	42	4.2	39.6	52
2/13/2010 18:00	5	1.1	2.5	36	2.6	36.7	58
2/13/2010 19:00	-2	0.9	2.0	360	0.5	32.9	66
2/13/2010 20:00	-5	0.8	1.8	314	-0.4	31.3	72
2/13/2010 21:00	3	0.8	1.8	259	-2.3	27.9	78
2/13/2010 22:00	6	0.6	1.3	181	-2.8	27.0	82
2/13/2010 23:00	16	1.1	2.5	165	-2.9	26.8	80
2/14/2010 0:00	5	1.1	2.5	164	-3.4	25.9	78
2/14/2010 1:00	-5	1.0	2.2	159	-4.8	23.4	80
2/14/2010 2:00	9	1.3	2.9	174	-5.7	21.7	79
2/14/2010 3:00	-5	1.2	2.7	167	-6.8	19.8	82
2/14/2010 4:00	3	1.3	2.9	174	-6.8	19.8	80
2/14/2010 5:00	4	1.8	4.0	190	-6.6	20.1	78
2/14/2010 6:00	1	2.2	4.9	196	-6.8	19.8	77
2/14/2010 7:00	2	1.9	4.3	180	-6.7	19.9	77
2/14/2010 8:00	-5	2.4	5.4	184	-7.1	19.2	74
2/14/2010 9:00	3	3.0	6.7	192	-6.1	21.0	72
2/14/2010 10:00	13	3.4	7.6	201	-3.4	25.9	65
2/14/2010 11:00	-3	3.2	7.2	205	-0.6	30.9	58
2/14/2010 12:00	3	2.9	6.5	194	3.5	38.3	45
2/14/2010 13:00	-4	2.2	4.9	165	5	41.0	41
2/14/2010 14:00	-3	2.3	5.1	150	5.5	41.9	41
2/14/2010 15:00	2	1.8	4.0	138	6.1	43.0	40
2/14/2010 16:00	15	1.2	2.7	16	5.4	41.7	49
2/14/2010 17:00	-5	1.2	2.7	357	3.1	37.6	59
2/14/2010 18:00	7	1.0	2.2	345	1.6	34.9	65
2/14/2010 19:00	9	0.6	1.3	297	0.1	32.2	71
2/14/2010 20:00	2	0.5	1.1	249	-0.7	30.7	75
2/14/2010 21:00	6	0.7	1.6	38	-1.0	30.2	77
2/14/2010 22:00	5	0.9	2.0	354	-1.2	29.8	78
2/14/2010 23:00	0	0.6	1.3	193	-1.5	29.3	78
2/15/2010 0:00	1	0.5	1.1	146	-1.3	29.7	79
2/15/2010 1:00	5	0.6	1.3	174	-1.5	29.3	80
2/15/2010 2:00	14	0.6	1.3	74	-1.5	29.3	81
2/15/2010 3:00	11	0.4	0.9	84	-1.9	28.6	82
2/15/2010 4:00	3	0.4	0.9	248	-2.6	27.3	85
2/15/2010 5:00	25	0.4	0.9	270	-2.0	28.4	85
2/15/2010 6:00	8	0.7	1.6	26	-2.1	28.2	87
2/15/2010 7:00	27	0.8	1.8	16	-2.3	27.9	88
2/15/2010 8:00	6	0.7	1.6	350	-2.1	28.2	88
2/15/2010 9:00	9	0.4	0.9	336	-1.6	29.1	86
2/15/2010 10:00	9	0.5	1.1	288	-0.2	31.6	81
2/15/2010 11:00	3	0.6	1.3	108	0.9	33.6	78
2/15/2010 12:00	7	1.0	2.2	336	1.7	35.1	74
2/15/2010 13:00	-3	1.0	2.2	340	2.9	37.2	71
2/15/2010 14:00	13	1.4	3.1	353	4.6	40.3	65
2/15/2010 15:00	-5	1.3	2.9	11	5.7	42.3	60
2/15/2010 16:00	4	1.4	3.1	7	6.2	43.2	60
2/15/2010 17:00	1	1.3	2.9	355	4.6	40.3	66
2/15/2010 18:00	6	0.8	1.8	308	2.1	35.8	75
2/15/2010 19:00	-5	0.6	1.3	309	0.6	33.1	81
2/15/2010 20:00	28	0.7	1.6	156	-0.7	30.7	86
2/15/2010 21:00	-5	0.9	2.0	167	-2.5	27.5	87
2/15/2010 22:00	5	1.0	2.2	164	-3.2	26.2	87
2/15/2010 23:00	5	1.0	2.2	136	-4.0	24.8	87
2/16/2010 0:00	8	1.0	2.2	157	-4.3	24.3	87

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
2/16/2010 1:00	-5	1.0	2.2	163	-4.9	23.2	87
2/16/2010 2:00	9	1.2	2.7	149	-4.7	23.5	83
2/16/2010 3:00	11	0.9	2.0	171	-5.0	23.0	84
2/16/2010 4:00	-5	1.5	3.4	204	-3.9	25.0	86
2/16/2010 5:00	15	0.9	2.0	231	-4.1	24.6	84
2/16/2010 6:00	12	0.8	1.8	357	-6.8	19.8	84
2/16/2010 7:00	-5	0.5	1.1	323	-8.3	17.1	87
2/16/2010 8:00	17	0.6	1.3	312	-8.1	17.4	87
2/16/2010 9:00	18	0.5	1.1	317	-6.1	21.0	86
2/16/2010 10:00	9	0.5	1.1	31	-3.6	25.5	83
2/16/2010 11:00	12	0.7	1.6	25	-1.3	29.7	77
2/16/2010 12:00	7	1.2	2.7	12	0.1	32.2	77
2/16/2010 13:00	3	1.6	3.6	1	0.3	32.5	74
2/16/2010 14:00	9	1.4	3.1	6	0.8	33.4	71
2/16/2010 15:00	4	0.8	1.8	285	1.7	35.1	67
2/16/2010 16:00	5	1.2	2.7	343	1.8	35.2	68
2/16/2010 17:00	13	0.9	2.0	17	1.7	35.1	70
2/16/2010 18:00	8	0.7	1.6	343	1.3	34.3	72
2/16/2010 19:00	-4	0.6	1.3	126	0.3	32.5	76
2/16/2010 20:00	13	0.5	1.1	151	-0.2	31.6	80
2/16/2010 21:00	4	0.5	1.1	208	-0.4	31.3	81
2/16/2010 22:00	10	0.5	1.1	115	-1.4	29.5	85
2/16/2010 23:00	-5	0.7	1.6	281	-2.4	27.7	86
2/17/2010 0:00	7	0.7	1.6	267	-3.8	25.2	89
2/17/2010 1:00	16	0.7	1.6	107	-3.4	25.9	88
2/17/2010 2:00	-2	0.8	1.8	178	-4.0	24.8	87
2/17/2010 3:00	1	1.1	2.5	106	-2.8	27.0	85
2/17/2010 4:00	18	1.0	2.2	10	-2.3	27.9	85
2/17/2010 5:00	-4	0.8	1.8	306	-2.4	27.7	86
2/17/2010 6:00	18	0.5	1.1	295	-2.3	27.9	86
2/17/2010 7:00	-5	0.6	1.3	92	-1.9	28.6	87
2/17/2010 8:00	-3	0.9	2.0	298	-1.8	28.8	87
2/17/2010 9:00	8	0.9	2.0	344	-0.7	30.7	86
2/17/2010 10:00	6	1.1	2.5	345	0.3	32.5	82
2/17/2010 11:00	6	1.4	3.1	355	1.6	34.9	76
2/17/2010 12:00	-5	1.8	4.0	342	2.8	37.0	70
2/17/2010 13:00	17	1.4	3.1	23	4.6	40.3	56
2/17/2010 14:00	-5	1.9	4.3	22	4.2	39.6	61
2/17/2010 15:00	16	1.5	3.4	357	2.7	36.9	62
2/17/2010 16:00	-5	1.9	4.3	221	0	32.0	81
2/17/2010 17:00	23	2.1	4.7	223	0.8	33.4	77
2/17/2010 18:00	-4	1.2	2.7	167	-0.5	31.1	81
2/17/2010 19:00	13	0.9	2.0	150	-3.6	25.5	88
2/17/2010 20:00	0	0.7	1.6	282	-5.5	22.1	86
2/17/2010 21:00	-4	0.6	1.3	128	-5.7	21.7	87
2/17/2010 22:00	19	0.9	2.0	7	-3.0	26.6	84
2/17/2010 23:00	-5	2.1	4.7	356	-2.1	28.2	78
2/18/2010 0:00	9	2.3	5.1	352	-2.8	27.0	76
2/18/2010 1:00	-5	1.9	4.3	357	-2.9	26.8	71
2/18/2010 2:00	2	1.4	3.1	11	-3.4	25.9	71
2/18/2010 3:00	1	1.1	2.5	29	-4.9	23.2	76
2/18/2010 4:00	0	0.6	1.3	124	-7.5	18.5	83
2/18/2010 5:00	27	0.8	1.8	208	-9.4	15.1	84
2/18/2010 6:00	-5	0.6	1.3	181	-10.7	12.7	84
2/18/2010 7:00	26	0.6	1.3	156	-11.1	12.0	84
2/18/2010 8:00	-5	0.8	1.8	141	-12.1	10.2	83
2/18/2010 9:00	20	0.9	2.0	169	-10.0	14.0	79
2/18/2010 10:00	-5	1.4	3.1	197	-5.6	21.9	68
2/18/2010 11:00	5	1.0	2.2	213	-2.8	27.0	56
2/18/2010 12:00	7	1.0	2.2	23	-1.8	28.8	55
2/18/2010 13:00	1	1.3	2.9	10	-1.8	28.8	58
2/18/2010 14:00	9	1.7	3.8	358	-1.0	30.2	56
2/18/2010 15:00	3	1.5	3.4	15	-1.0	30.2	58
2/18/2010 16:00	4	1.6	3.6	336	-0.8	30.6	57
2/18/2010 17:00	5	1	2.2	349	-0.8	30.6	56
2/18/2010 18:00	1	0.8	1.8	319	-2.1	28.2	62
2/18/2010 19:00	2	0.8	1.8	345	-3.0	26.6	71
2/18/2010 20:00	4	0.6	1.3	317	-3.6	25.5	74
2/18/2010 21:00	-1	1.0	2.2	4	-3.4	25.9	75
2/18/2010 22:00	19	1.2	2.7	4	-3.7	25.3	76
2/18/2010 23:00	-4	0.7	1.6	18	-4.1	24.6	74
2/19/2010 0:00	7	0.5	1.1	35	-4.7	23.5	78

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
2/19/2010 1:00	-5	0.6	1.3	29	-5.1	22.8	79
2/19/2010 2:00	4	0.5	1.1	300	-5.9	21.4	84
2/19/2010 3:00	9	0.8	1.8	194	-6.5	20.3	84
2/19/2010 4:00	-5	0.9	2.0	130	-9.0	15.8	81
2/19/2010 5:00	16	0.7	1.6	150	-9.7	14.5	80
2/19/2010 6:00	-5	0.5	1.1	160	-8.9	16.0	80
2/19/2010 7:00	7	0.5	1.1	98	-8.7	16.3	80
2/19/2010 8:00	8	0.4	0.9	346	-8.6	16.5	80
2/19/2010 9:00	-1	0.6	1.3	60	-7.8	18.0	79
2/19/2010 10:00	-5	1.0	2.2	40	-6.5	20.3	77
2/19/2010 11:00	2	1.1	2.5	348	-5.0	23.0	73
2/19/2010 12:00	3	0.9	2.0	25	-3.7	25.3	66
2/19/2010 13:00	4	1.3	2.9	11	-2.1	28.2	59
2/19/2010 14:00	4	1.8	4.0	36	-1.4	29.5	56
2/19/2010 15:00	6	2.1	4.7	14	-1.3	29.7	55
2/19/2010 16:00	5	2.7	6.0	1	-1.9	28.6	52
2/19/2010 17:00	-4	3.0	6.7	353	-3.4	25.9	57
2/19/2010 18:00	0	2.8	6.3	346	-4.3	24.3	58
2/19/2010 19:00	7	1.9	4.3	359	-5.6	21.9	60
2/19/2010 20:00	10	1.1	2.5	355	-7.2	19.0	68
2/19/2010 21:00	14	1.1	2.5	358	-7.9	17.8	71
2/19/2010 22:00	0	0.6	1.3	354	-9.4	15.1	74
2/19/2010 23:00	-2	0.4	0.9	63	-11.0	12.2	81
2/20/2010 0:00	1	0.5	1.1	157	-13.1	8.4	81
2/20/2010 1:00	19	0.8	1.8	152	-13.5	7.7	79
2/20/2010 2:00	18	0.9	2.0	164	-13.6	7.5	79
2/20/2010 3:00	0	0.7	1.6	134	-14.5	5.9	80
2/20/2010 4:00	1	1.3	2.9	200	-14.1	6.6	78
2/20/2010 5:00	16	1.1	2.5	184	-13.3	8.1	76
2/20/2010 6:00	-5	0.9	2.0	185	-12.8	9.0	74
2/20/2010 7:00	13	0.9	2.0	191	-12.4	9.7	75
2/20/2010 8:00	8	0.7	1.6	187	-12.2	10.0	75
2/20/2010 9:00	1	0.5	1.1	253	-10.9	12.4	71
2/20/2010 10:00	8	0.7	1.6	334	-10.0	14.0	72
2/20/2010 11:00	8	1.1	2.5	339	-8.5	16.7	69
2/20/2010 12:00	0	1.5	3.4	12	-6.7	19.9	62
2/20/2010 13:00	20	1.7	3.8	11	-6.1	21.0	63
2/20/2010 14:00	-5	2.9	6.5	352	-4.9	23.2	54
2/20/2010 15:00	13	3.3	7.4	357	-4.5	23.9	48
2/20/2010 16:00	5	3.3	7.4	355	-4.9	23.2	48
2/20/2010 17:00	7	3.2	7.2	353	-5.0	23.0	46
2/20/2010 18:00	2	2.5	5.6	356	-6.6	20.1	51
2/20/2010 19:00	3	1.6	3.6	342	-9.2	15.4	65
2/20/2010 20:00	14	0.7	1.6	356	-11.5	11.3	73
2/20/2010 21:00	10	0.6	1.3	353	-12.4	9.7	74
2/20/2010 22:00	-5	0.5	1.1	82	-14.7	5.5	79
2/20/2010 23:00	-5	0.6	1.3	140	-15.9	3.4	80
2/21/2010 0:00	-3	0.6	1.3	139	-16.9	1.6	79
2/21/2010 1:00	2	0.9	2.0	176	-16.7	1.9	76
2/21/2010 2:00	11	0.9	2.0	173	-17.5	0.5	76
2/21/2010 3:00	1	0.9	2.0	194	-17.4	0.7	75
2/21/2010 4:00	-5	0.7	1.6	144	-18.3	-0.9	76
2/21/2010 5:00	16	1.3	2.9	199	-18.2	-0.8	74
2/21/2010 6:00	-2	1.3	2.9	201	-18.5	-1.3	74
2/21/2010 7:00	12	1.3	2.9	196	-18.7	-1.7	74
2/21/2010 8:00	1	0.8	1.8	150	-19.3	-2.7	74
2/21/2010 9:00	17	1.1	2.5	197	-16.4	2.5	68
2/21/2010 10:00	0	2.1	4.7	177	-13.1	8.4	63
2/21/2010 11:00	5	1.5	3.4	173	-9.9	14.2	56
2/21/2010 12:00	11	1.2	2.7	288	-7.0	19.4	49
2/21/2010 13:00	16	1.5	3.4	10	-5.9	21.4	50
2/21/2010 14:00	3	1.5	3.4	16	-4.7	23.5	46
2/21/2010 15:00	1	1.8	4.0	2	-4.0	24.8	45
2/21/2010 16:00	BA	BA	BA	BA	-3.9	25.0	42
2/21/2010 17:00	19	1.6	3.6	339	-4.1	24.6	42
2/21/2010 18:00	11	1.1	2.5	306	-5.8	21.6	49
2/21/2010 19:00	8	0.6	1.3	315	-9.6	14.7	66
2/21/2010 20:00	9	0.6	1.3	230	-12.4	9.7	73
2/21/2010 21:00	-5	0.9	2.0	143	-13.7	7.3	78
2/21/2010 22:00	14	0.9	2.0	148	-14.1	6.6	78
2/21/2010 23:00	15	1.3	2.9	174	-13.2	8.2	73
2/22/2010 0:00	23	1.0	2.2	190	-14.2	6.4	74
2/22/2010 1:00	1	0.9	2.0	189	-15.5	4.1	75

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
2/22/2010 2:00	7	0.6	1.3	169	-16.0	3.2	76
2/22/2010 3:00	14	0.5	1.1	335	-17.1	1.2	78
2/22/2010 4:00	-5	0.6	1.3	122	-18.5	-1.3	79
2/22/2010 5:00	29	0.6	1.3	285	-18.4	-1.1	78
2/22/2010 6:00	-2	0.5	1.1	127	-18.5	-1.3	78
2/22/2010 7:00	8	0.8	1.8	198	-17.7	0.1	76
2/22/2010 8:00	10	0.9	2.0	178	-17.4	0.7	75
2/22/2010 9:00	-5	0.7	1.6	248	-15.6	3.9	73
2/22/2010 10:00	16	0.8	1.8	26	-11.1	12.0	59
2/22/2010 11:00	11	1.1	2.5	23	-8.0	17.6	54
2/22/2010 12:00	5	1.3	2.9	19	-5.3	22.5	47
2/22/2010 13:00	8	1.2	2.7	34	-2.5	27.5	39
2/22/2010 14:00	11	1.4	3.1	8	-0.4	31.3	35
2/22/2010 15:00	8	1.8	4.0	7	0.3	32.5	36
2/22/2010 16:00	13	1.5	3.4	359	0.7	33.3	37
2/22/2010 17:00	9	1.7	3.8	349	0.5	32.9	38
2/22/2010 18:00	1	1.1	2.5	312	-1.2	29.8	43
2/22/2010 19:00	4	0.5	1.1	225	-5.1	22.8	57
2/22/2010 20:00	-3	0.9	2.0	183	-7.3	18.9	69
2/22/2010 21:00	23	1	2.2	145	-8.6	16.5	77
2/22/2010 22:00	-5	1.2	2.7	214	-8.9	16.0	75
2/22/2010 23:00	1	0.8	1.8	25	-10.0	14.0	76
2/23/2010 0:00	26	0.7	1.6	95	-11.6	11.1	78
2/23/2010 1:00	12	0.7	1.6	2	-12.2	10.0	78
2/23/2010 2:00	4	0.7	1.6	122	-13.9	7.0	81
2/23/2010 3:00	2	0.5	1.1	241	-14.7	5.5	82
2/23/2010 4:00	-3	0.7	1.6	242	-14.4	6.1	80
2/23/2010 5:00	34	0.5	1.1	203	-14.0	6.8	79
2/23/2010 6:00	-5	0.7	1.6	356	-15.5	4.1	79
2/23/2010 7:00	23	0.6	1.3	331	-15.3	4.5	78
2/23/2010 8:00	-5	0.7	1.6	216	-15.1	4.8	79
2/23/2010 9:00	23	1.4	3.1	208	-9.7	14.5	69
2/23/2010 10:00	-5	1.6	3.6	178	-3.6	25.5	54
2/23/2010 11:00	15	3.7	8.3	191	2.0	35.6	37
2/23/2010 12:00	5	3.9	8.7	194	5.2	41.4	29
2/23/2010 13:00	2	4.4	9.8	207	7.3	45.1	24
2/23/2010 14:00	5	3.7	8.3	194	8.7	47.7	21
2/23/2010 15:00	4	3.2	7.2	211	9.4	48.9	20
2/23/2010 16:00	5	3.0	6.7	197	10.0	50.0	18
2/23/2010 17:00	17	1.9	4.3	348	7.0	44.6	31
2/23/2010 18:00	6	1.1	2.5	350	2.7	36.9	45
2/23/2010 19:00	4	1.0	2.2	297	-1.9	28.6	59
2/23/2010 20:00	6	0.7	1.6	214	-3.9	25.0	68
2/23/2010 21:00	5	0.7	1.6	213	-5.4	22.3	75
2/23/2010 22:00	16	1	2.2	213	-7.2	19.0	77
2/23/2010 23:00	-5	2.6	5.8	207	-1.7	28.9	56
2/24/2010 0:00	12	2.5	5.6	202	-0.5	31.1	47
2/24/2010 1:00	5	2.5	5.6	171	1.1	34.0	40
2/24/2010 2:00	0	4.3	9.6	146	1.6	34.9	37
2/24/2010 3:00	11	4.8	10.7	144	1.7	35.1	36
2/24/2010 4:00	7	5.7	12.8	141	1.5	34.7	37
2/24/2010 5:00	5	5.9	13.2	139	0.8	33.4	38
2/24/2010 6:00	0	4.9	11.0	143	1.2	34.2	38
2/24/2010 7:00	10	4.9	11.0	149	0.6	33.1	40
2/24/2010 8:00	3	5.7	12.8	144	0.9	33.6	38
2/24/2010 9:00	7	4.6	10.3	148	1.4	34.5	38
2/24/2010 10:00	3	4.5	10.1	155	2.4	36.3	36
2/24/2010 11:00	4	4.4	9.8	169	3.7	38.7	35
2/24/2010 12:00	0	4.4	9.8	192	4.4	39.9	40
2/24/2010 13:00	8	4.1	9.2	201	5.6	42.1	40
2/24/2010 14:00	2	4.2	9.4	211	6.3	43.3	41
2/24/2010 15:00	5	3.4	7.6	219	6.3	43.3	43
2/24/2010 16:00	5	3.5	7.8	228	6.4	43.5	47
2/24/2010 17:00	-1	3.6	8.1	203	5.0	41.0	57
2/24/2010 18:00	9	1.8	4.0	320	4.1	39.4	56
2/24/2010 19:00	-2	1.0	2.2	351	1.7	35.1	65
2/24/2010 20:00	4	0.9	2.0	286	0.6	33.1	70
2/24/2010 21:00	-3	1.4	3.1	345	1.3	34.3	70
2/24/2010 22:00	12	0.9	2.0	29	1.0	33.8	73
2/24/2010 23:00	11	0.7	1.6	46	0.2	32.4	84
2/25/2010 0:00	-5	0.9	2.0	143	-1.1	30.0	88
2/25/2010 1:00	-5	1.2	2.7	274	-2.7	27.1	85
2/25/2010 2:00	-2	1.3	2.9	268	-2.6	27.3	82

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
2/25/2010 3:00	5	2.3	5.1	224	-0.3	31.5	73
2/25/2010 4:00	4	2.9	6.5	231	0.8	33.4	67
2/25/2010 5:00	-5	3.3	7.4	238	1.1	34.0	61
2/25/2010 6:00	3	3.0	6.7	246	1.0	33.8	58
2/25/2010 7:00	-2	2.7	6.0	245	1.0	33.8	56
2/25/2010 8:00	1	1.5	3.4	250	0.8	33.4	57
2/25/2010 9:00	2	1.6	3.6	185	1.0	33.8	58
2/25/2010 10:00	-5	2.4	5.4	209	3.2	37.8	49
2/25/2010 11:00	0	2.8	6.3	220	5.3	41.5	41
2/25/2010 12:00	-3	2.9	6.5	202	5.6	42.1	42
2/25/2010 13:00	-5	3.9	8.7	220	6.2	43.2	42
2/25/2010 14:00	11	2.5	5.6	329	5.3	41.5	49
2/25/2010 15:00	-3	1.2	2.7	108	4.0	39.2	55
2/25/2010 16:00	5	1.1	2.5	11	5.0	41.0	54
2/25/2010 17:00	15	1.6	3.6	36	5.6	42.1	49
2/25/2010 18:00	-5	2.2	4.9	270	3.7	38.7	49
2/25/2010 19:00	-5	1.3	2.9	283	-0.1	31.8	65
2/25/2010 20:00	-5	1.4	3.1	260	-1.4	29.5	61
2/25/2010 21:00	-1	1.8	4.0	270	-1.4	29.5	59
2/25/2010 22:00	6	1.1	2.5	248	-2.2	28.0	62
2/25/2010 23:00	-5	1.2	2.7	208	-3.1	26.4	66
2/26/2010 0:00	36	1.8	4.0	179	-4.3	24.3	74
2/26/2010 1:00	-5	1.4	3.1	149	-5.6	21.9	78
2/26/2010 2:00	0	1.2	2.7	201	-6.2	20.8	77
2/26/2010 3:00	15	1.3	2.9	180	-6.5	20.3	78
2/26/2010 4:00	-3	1.5	3.4	191	-6.2	20.8	76
2/26/2010 5:00	10	1.7	3.8	186	-6.6	20.1	75
2/26/2010 6:00	-3	1.5	3.4	214	-7.2	19.0	77
2/26/2010 7:00	-5	2.1	4.7	219	-7.2	19.0	75
2/26/2010 8:00	7	2.0	4.5	215	-6.8	19.8	73
2/26/2010 9:00	-4	2.1	4.7	202	-2.7	27.1	60
2/26/2010 10:00	4	2.5	5.6	156	2.0	35.6	45
2/26/2010 11:00	5	4.4	9.8	149	3.1	37.6	39
2/26/2010 12:00	1	5.0	11.2	146	4.0	39.2	39
2/26/2010 13:00	6	5.5	12.3	145	5.5	41.9	34
2/26/2010 14:00	2	5.9	13.2	145	6.1	43.0	32
2/26/2010 15:00	4	5.9	13.2	141	6.2	43.2	31
2/26/2010 16:00	5	5.7	12.8	142	5.7	42.3	34
2/26/2010 17:00	-3	5.3	11.9	146	5.0	41.0	39
2/26/2010 18:00	-1	5.4	12.1	148	4.4	39.9	41
2/26/2010 19:00	8	5.3	11.9	141	3.3	37.9	47
2/26/2010 20:00	1	5.0	11.2	139	2.9	37.2	50
2/26/2010 21:00	2	5.6	12.5	142	3.0	37.4	51
2/26/2010 22:00	2	5.0	11.2	145	3.1	37.6	50
2/26/2010 23:00	0	5.5	12.3	141	3.1	37.6	50
2/27/2010 0:00	-2	5.1	11.4	145	2.9	37.2	51
2/27/2010 1:00	2	4.8	10.7	143	3	37.4	51
2/27/2010 2:00	8	5.3	11.9	137	3.0	37.4	51
2/27/2010 3:00	-4	4.5	10.1	139	3.0	37.4	51
2/27/2010 4:00	1	4.8	10.7	140	3.3	37.9	48
2/27/2010 5:00	4	3.7	8.3	156	3.2	37.8	47
2/27/2010 6:00	7	2.7	6.0	197	2.7	36.9	48
2/27/2010 7:00	3	2.5	5.6	204	2.2	36.0	51
2/27/2010 8:00	3	2.2	4.9	197	2.2	36.0	50
2/27/2010 9:00	-4	2.3	5.1	162	3.3	37.9	46
2/27/2010 10:00	0	3.0	6.7	146	4.8	40.6	41
2/27/2010 11:00	6	2.8	6.3	151	6.3	43.3	37
2/27/2010 12:00	-1	2.3	5.1	169	8.2	46.8	31
2/27/2010 13:00	9	1.6	3.6	183	9.4	48.9	28
2/27/2010 14:00	4	1.6	3.6	28	9.4	48.9	33
2/27/2010 15:00	5	1.8	4.0	18	8.1	46.6	38
2/27/2010 16:00	3	1.7	3.8	20	8.0	46.4	40
2/27/2010 17:00	5	1.4	3.1	16	7.0	44.6	44
2/27/2010 18:00	-1	1.3	2.9	353	5.7	42.3	52
2/27/2010 19:00	0	1.1	2.5	321	2.3	36.1	65
2/27/2010 20:00	-5	0.5	1.1	229	-1.3	29.7	77
2/27/2010 21:00	12	0.5	1.1	142	-2.2	28.0	81
2/27/2010 22:00	5	0.9	2.0	128	-2.8	27.0	83
2/27/2010 23:00	12	0.9	2.0	155	-3.6	25.5	84
2/28/2010 0:00	3	0.8	1.8	147	-3.8	25.2	85
2/28/2010 1:00	11	0.7	1.6	121	-4.0	24.8	85
2/28/2010 2:00	-5	0.7	1.6	117	-4.3	24.3	85
2/28/2010 3:00	11	0.5	1.1	125	-4.5	23.9	86

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
2/28/2010 4:00	11	0.7	1.6	187	-2.6	27.3	80
2/28/2010 5:00	1	0.9	2.0	172	-2.3	27.9	80
2/28/2010 6:00	6	0.8	1.8	191	-1.7	28.9	78
2/28/2010 7:00	-1	0.4	0.9	203	-1.6	29.1	78
2/28/2010 8:00	2	0.5	1.1	165	-1.6	29.1	81
2/28/2010 9:00	6	0.6	1.3	173	-0.7	30.7	80
2/28/2010 10:00	9	1.1	2.5	167	0.6	33.1	73
2/28/2010 11:00	3	0.8	1.8	142	1.6	34.9	69
2/28/2010 12:00	-5	0.9	2.0	198	4.1	39.4	62
2/28/2010 13:00	15	1.4	3.1	24	6.7	44.1	55
2/28/2010 14:00	6	1.5	3.4	10	7.3	45.1	54
2/28/2010 15:00	10	1.3	2.9	39	8.3	46.9	49
2/28/2010 16:00	-1	1.4	3.1	39	9.3	48.7	44
2/28/2010 17:00	-3	1.4	3.1	46	8.9	48.0	41
2/28/2010 18:00	6	0.9	2.0	27	7.4	45.3	44
2/28/2010 19:00	-2	0.7	1.6	306	1.2	34.2	64
2/28/2010 20:00	-3	0.9	2.0	256	-3.7	25.3	82
2/28/2010 21:00	-5	0.7	1.6	129	-4.0	24.8	84
2/28/2010 22:00	4	1.0	2.2	140	-3.2	26.2	81
2/28/2010 23:00	-4	1.0	2.2	134	-4.0	24.8	82
3/1/2010 0:00	25	0.8	1.8	157	-3.8	25.2	82

AN = Sampler malfunction

BA = Routine maintenance / repairs